

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060719\
 Data File : BE099856.D
 Acq On : 7 Jun 2019 17:17
 Operator : JU/SJ
 Sample : K3190-02 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-MW201D-20190603DL

Quant Time: Jun 08 04:31:37 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	7.80	152	803	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	2744	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2186	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	7068	0.40	ng	0.00
27) Chrysene-d12	21.40	240	10806	0.40	ng	-0.01
34) Perylene-d12	23.94	264	13210	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	50	0.02	ng	0.00
5) Phenol-d6	6.97	99	53	0.02	ng	0.00
8) Nitrobenzene-d5	8.98	82	173	0.06	ng	0.01
11) 2-Methylnaphthalene-d10	12.22	152	267	0.05	ng	0.01
14) 2,4,6-Tribromophenol	15.98	330	91	0.04	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	581	0.07	ng	0.00
25) Fluoranthene-d10	19.26	212	6295	0.06	ng	0.00
29) Terphenyl-d14	19.85	244	1749	0.09	ng	0.00

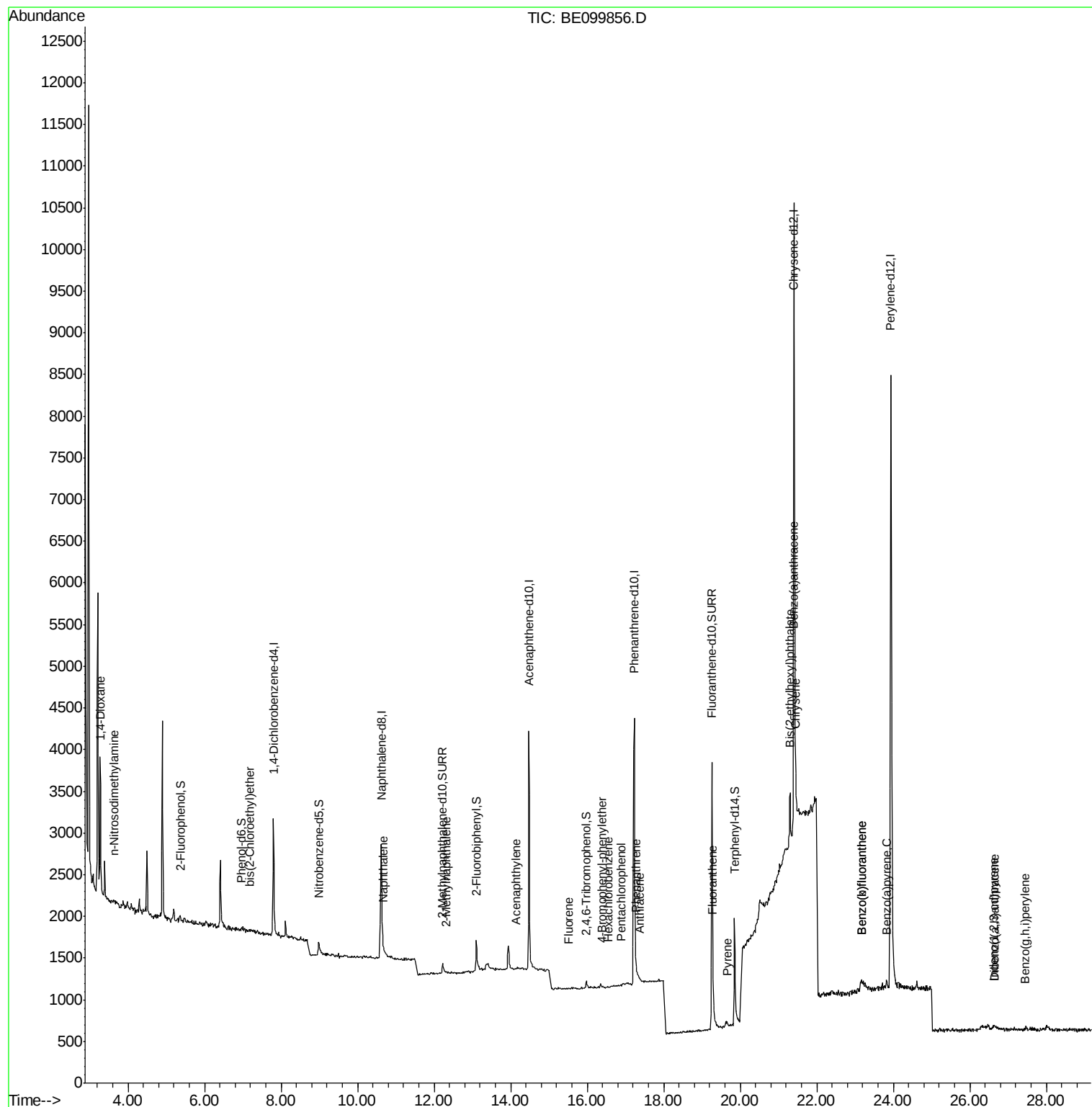
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	1336	1.229	ng	# 96
3) n-Nitrosodimethylamine	3.64	42	12	0.016	ng	# 1
6) bis(2-Chloroethyl)ether	7.19	93	1	0.000	ng	# 1
9) Naphthalene	10.68	128	45	0.002	ng	# 44
12) 2-Methylnaphthalene	12.32	142	4	0.001	ng	# 56
16) Acenaphthylene	14.15	152	8	0.001	ng	# 1
18) Fluorene	15.51	166	4	0.000	ng	# 1
20) 4-Bromophenyl-phenylether	16.38	248	6	0.001	ng	# 65
21) Hexachlorobenzene	16.55	284	3	0.001	ng	# 1
22) Pentachlorophenol	16.89	266	11	0.235	ng	# 90
23) Phenanthrene	17.27	178	56	0.003	ng	# 85
24) Anthracene	17.36	178	16	0.001	ng	# 53
26) Fluoranthene	19.29	202	100	0.003	ng	# 95
28) Pyrene	19.65	202	79	0.003	ng	# 87
30) Benzo(a)anthracene	21.39	228	158	0.005	ng	# 1
31) Chrysene	21.45	228	97	0.003	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.31	149	1343	0.024	ng	# 94
33) Indeno(1,2,3-cd)pyrene	26.63	276	13	0.000	ng	# 1
35) Benzo(b)fluoranthene	23.18	252	206	0.006	ng	# 1
36) Benzo(k)fluoranthene	23.18	252	206	0.006	ng	# 1
37) Benzo(a)pyrene	23.82	252	106	0.003	ng	# 1
38) Dibenzo(a,h)anthracene	26.64	278	2	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.45	276	12	0.000	ng	# 1

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

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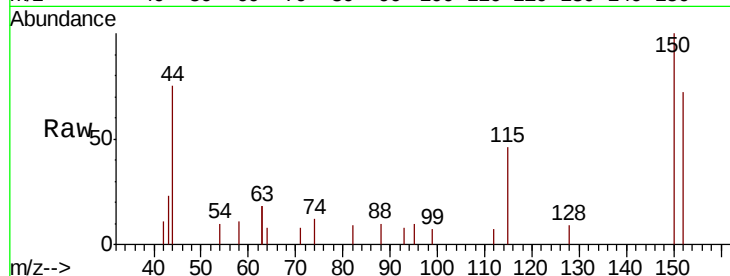


#1

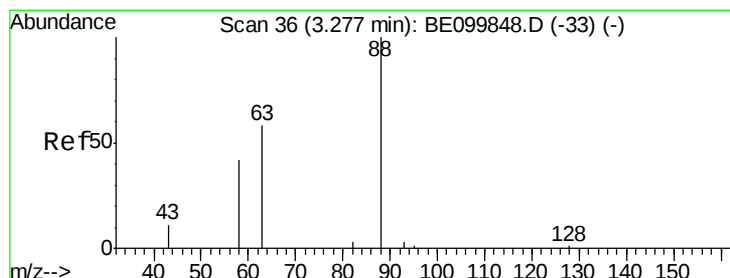
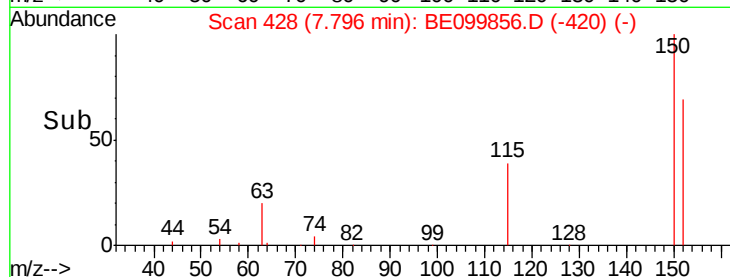
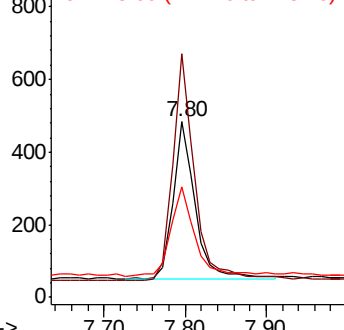
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. -0.01 min
Lab File: BE099856.D
Acq: 7 Jun 2019 17:17

Instrument :
BNA_E
ClientSampleId :
BP-TT-MW201D-20190603DL

Tgt Ion: 152 Resp: 803
Ion Ratio Lower Upper
152 100
150 138.6 112.8 169.2
115 63.2 47.6 71.4



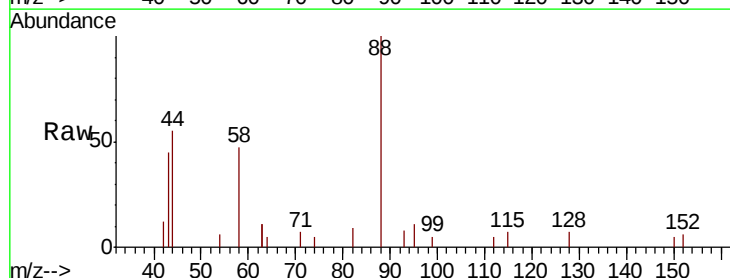
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



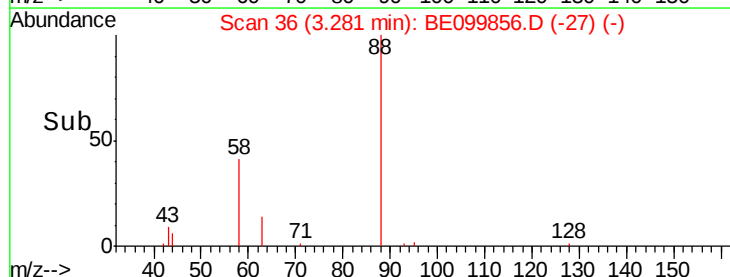
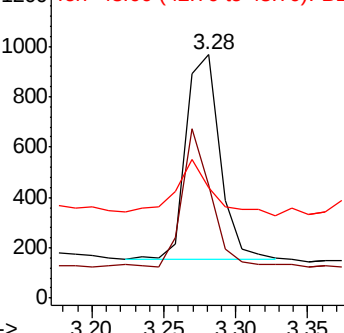
#2

1,4-Dioxane
Concen: 1.229 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.00 min
Lab File: BE099856.D
Acq: 7 Jun 2019 17:17

Tgt Ion: 88 Resp: 1336
Ion Ratio Lower Upper
88 100
58 58.5 47.3 70.9
43 29.4 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: 0.016 ng

RT: 3.64 min Scan# 67

Delta R.T. 0.03 min

Lab File: BE099856.D

Acq: 7 Jun 2019 17:17

Instrument :

BNA_E

ClientSampleId :

BP-TT-MW201D-20190603DL

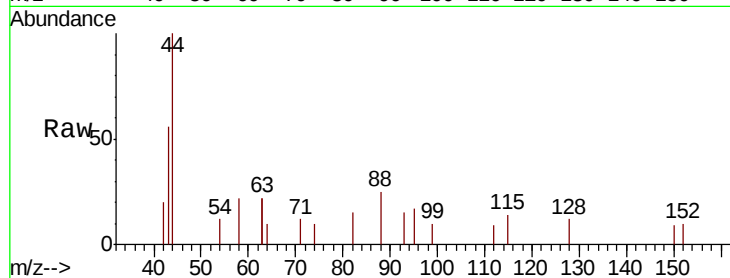
Tgt Ion: 42 Resp: 12

Ion Ratio Lower Upper

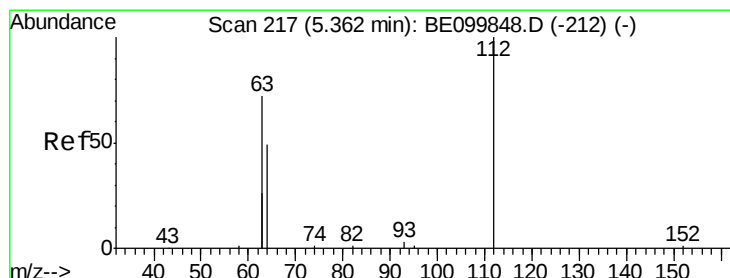
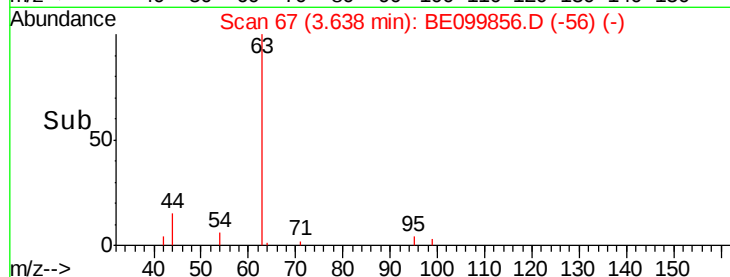
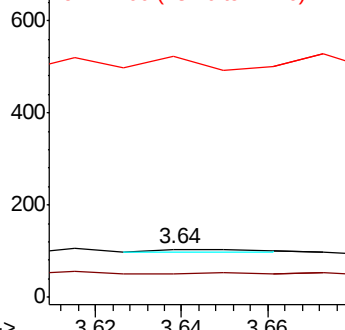
42 100

74 0.0 132.6 198.8#

44 683.3 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: 0.019 ng

RT: 5.37 min Scan# 217

Delta R.T. 0.00 min

Lab File: BE099856.D

Acq: 7 Jun 2019 17:17

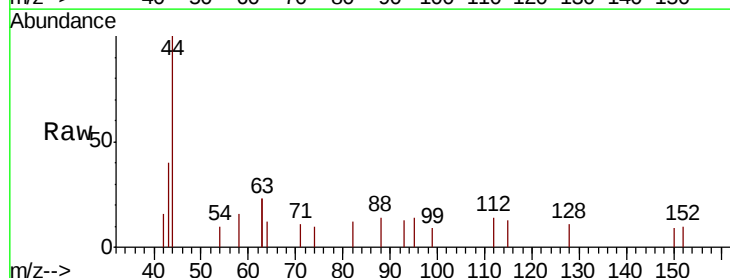
Tgt Ion: 112 Resp: 50

Ion Ratio Lower Upper

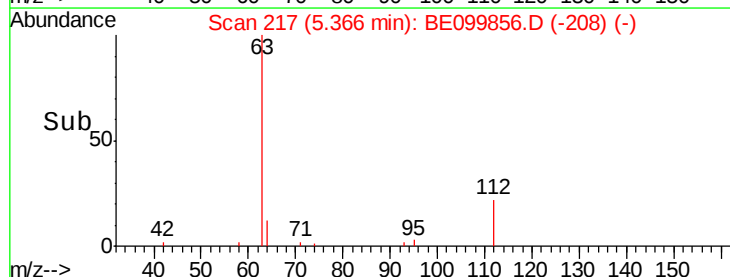
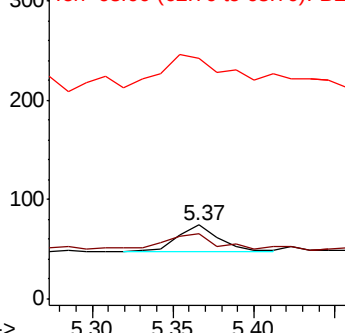
112 100

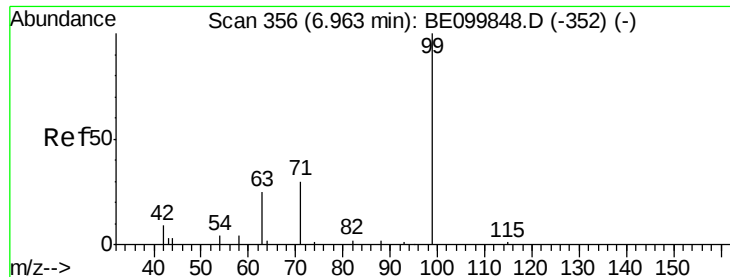
64 78.0 47.2 70.8#

63 294.0 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: 0.016 ng

RT: 6.97 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE099856.D

Acq: 7 Jun 2019 17:17

Instrument :

BNA_E

ClientSampleId :

BP-TT-MW201D-20190603DL

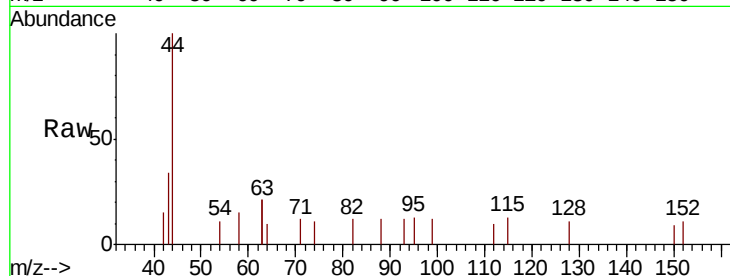
Tgt Ion: 99 Resp: 53

Ion Ratio Lower Upper

99 100

42 0.0 11.0 16.4#

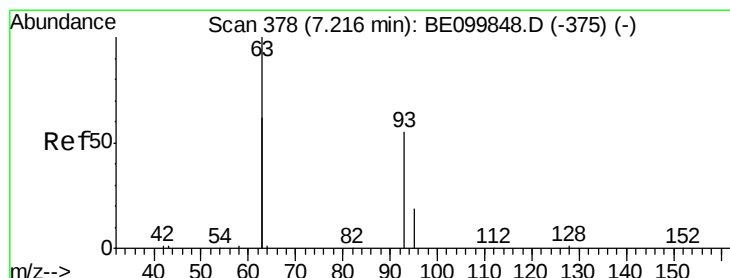
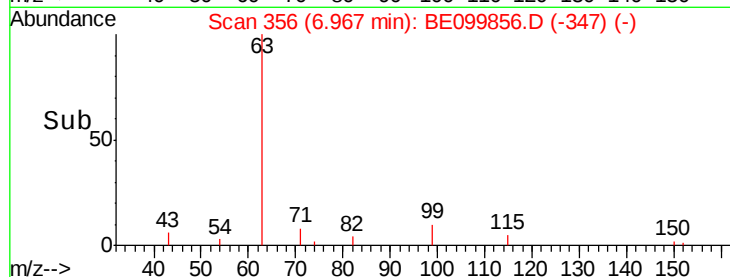
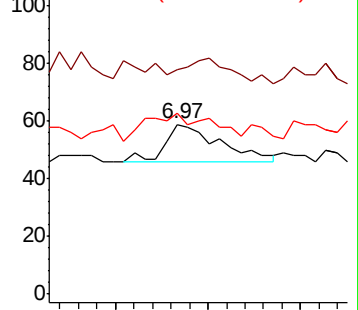
71 0.0 26.1 39.1#



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: 0.000 ng

RT: 7.19 min Scan# 375

Delta R.T. -0.04 min

Lab File: BE099856.D

Acq: 7 Jun 2019 17:17

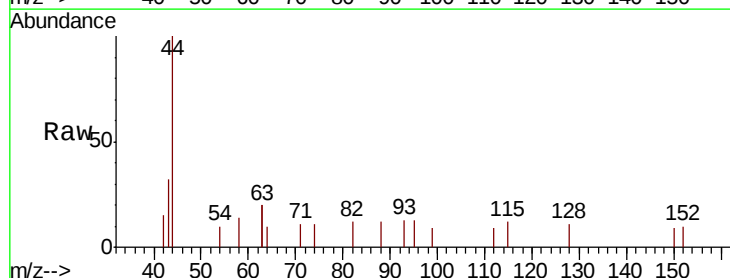
Tgt Ion: 93 Resp: 1

Ion Ratio Lower Upper

93 100

63 1500.0 208.8 313.2#

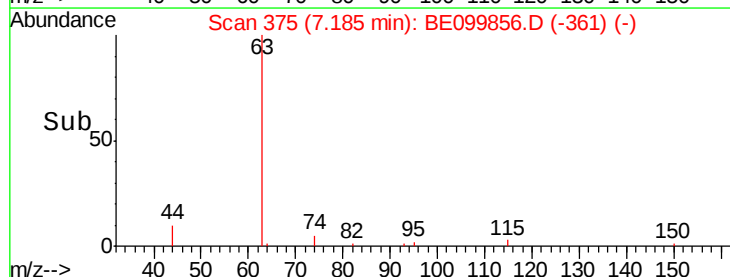
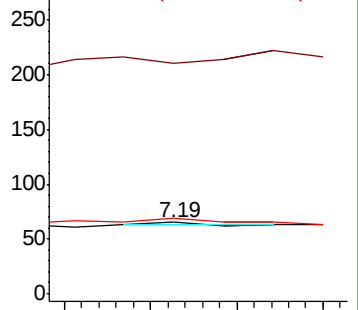
95 0.0 27.6 41.4#

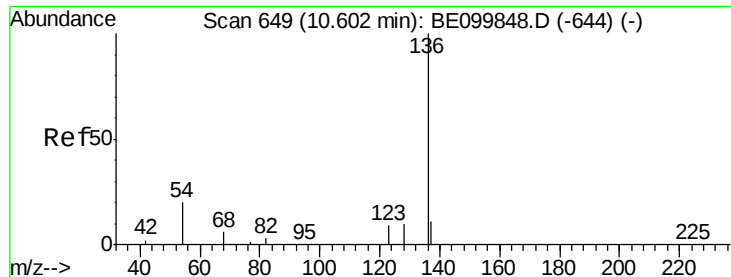


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE099856.D

Acq: 7 Jun 2019 17:17

Instrument :

BNA_E

ClientSampleId :

BP-TT-MW201D-20190603DL

Tgt Ion:136 Resp: 2744

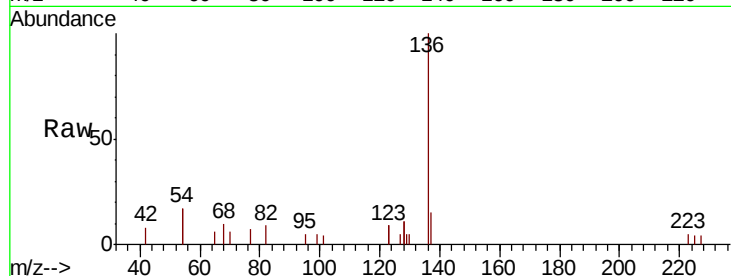
Ion Ratio Lower Upper

136 100

137 15.5 11.1 16.7

54 34.4 17.9 26.9#

68 9.7 5.4 8.0#

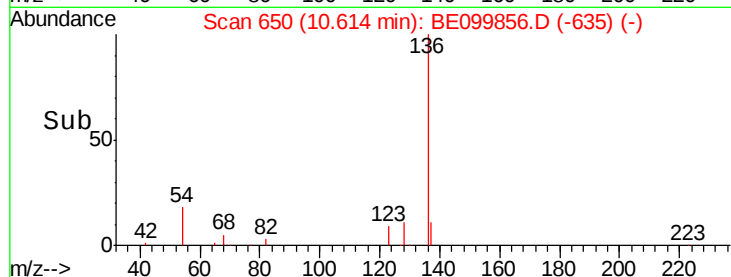


Abundance Ion 136.00 (135.70 to 136.70): E

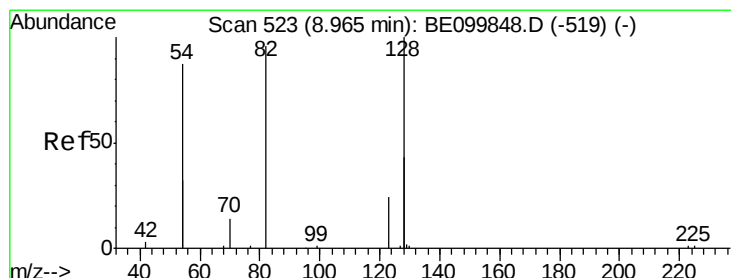
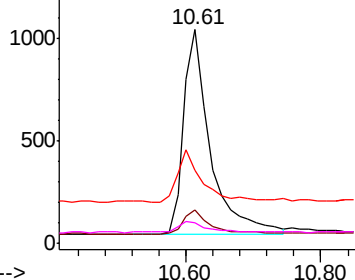
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->



#8

Nitrobenzene-d5

Concen: 0.063 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099856.D

Acq: 7 Jun 2019 17:17

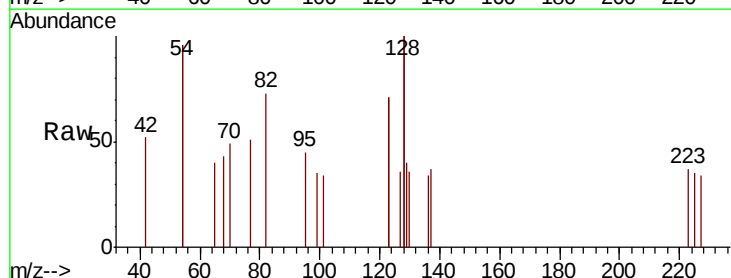
Tgt Ion: 82 Resp: 173

Ion Ratio Lower Upper

82 100

128 274.7 116.6 175.0#

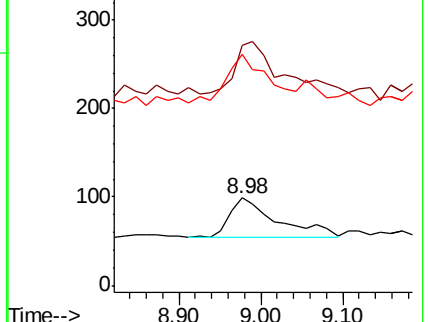
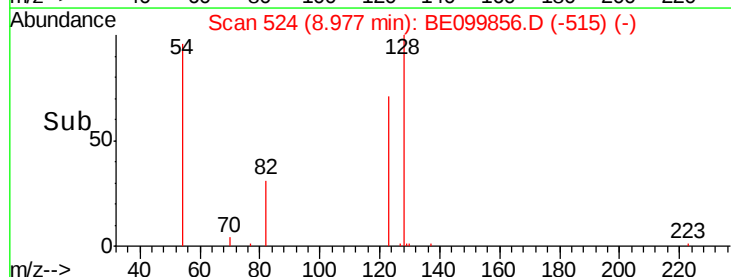
54 264.6 136.2 204.4#

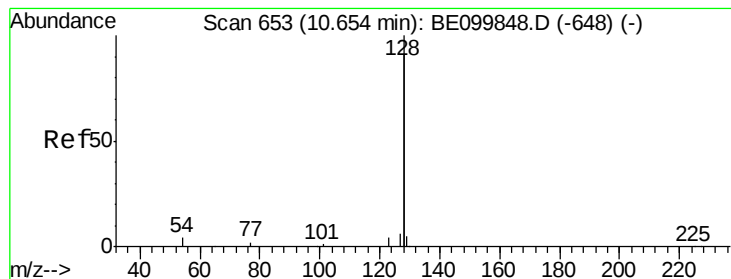


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.002 ng

RT: 10.68 min Scan# 655

Delta R.T. 0.03 min

Lab File: BE099856.D

Acq: 7 Jun 2019 17:17

Instrument :

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ClientSampleId :

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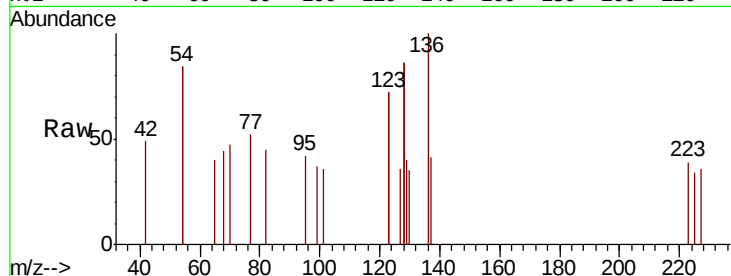
Tgt Ion:128 Resp: 45

Ion Ratio Lower Upper

128 100

129 23.5 2.6 4.0#

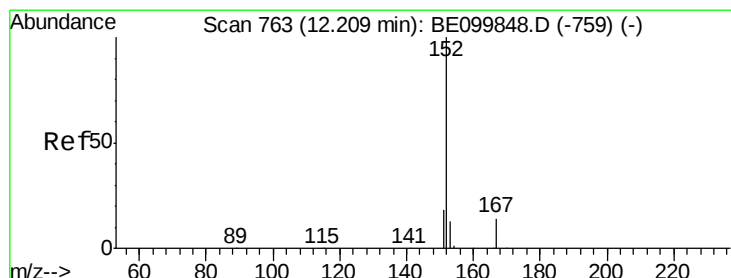
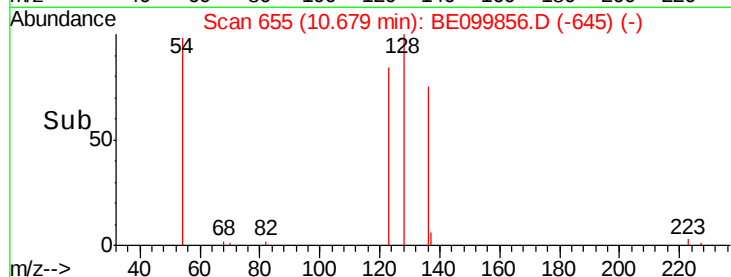
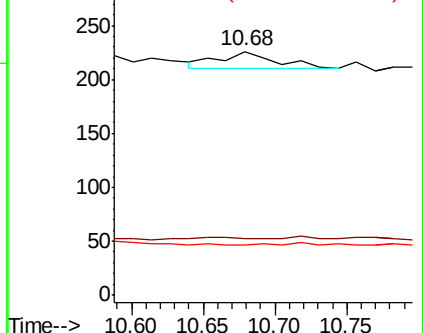
127 20.8 3.0 4.6#



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



#11

2-Methylnaphthalene-d10

Concen: 0.054 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.01 min

Lab File: BE099856.D

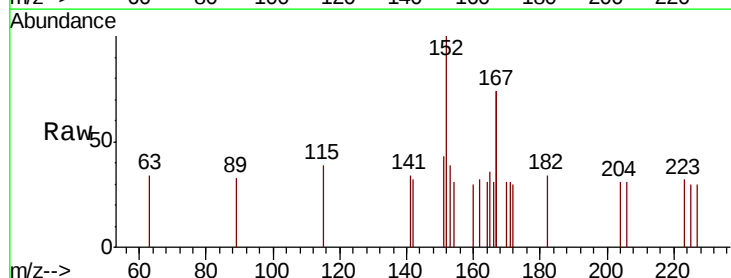
Acq: 7 Jun 2019 17:17

Tgt Ion:152 Resp: 267

Ion Ratio Lower Upper

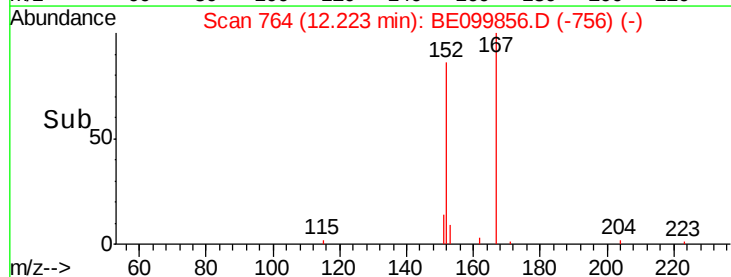
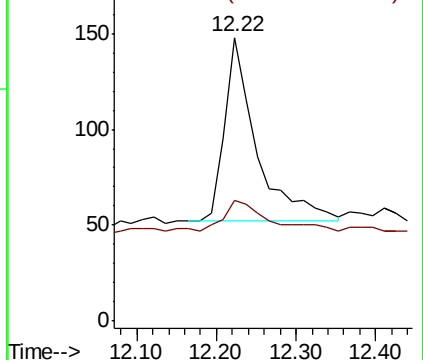
152 100

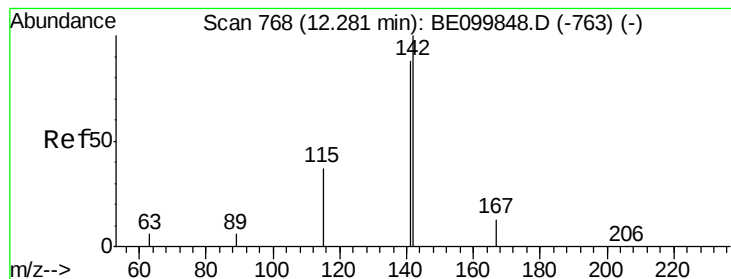
151 21.7 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.001 ng

RT: 12.32 min Scan# 771

Delta R.T. 0.04 min

Lab File: BE099856.D

Acq: 7 Jun 2019 17:17

Instrument :

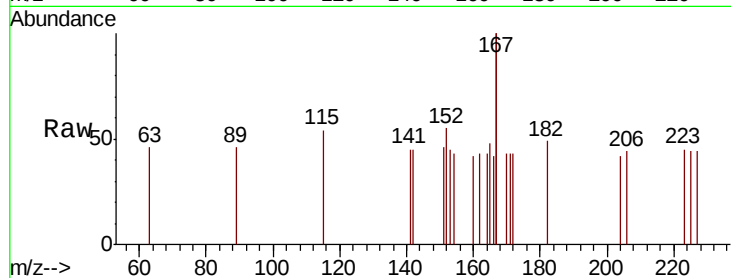
BNA_E

ClientSampleId :

BP-TT-MW201D-20190603DL

Tgt Ion:142 Resp: 4

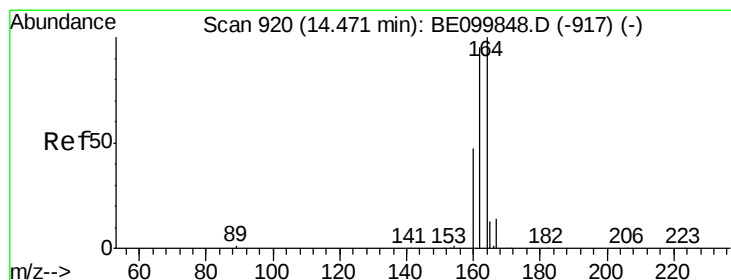
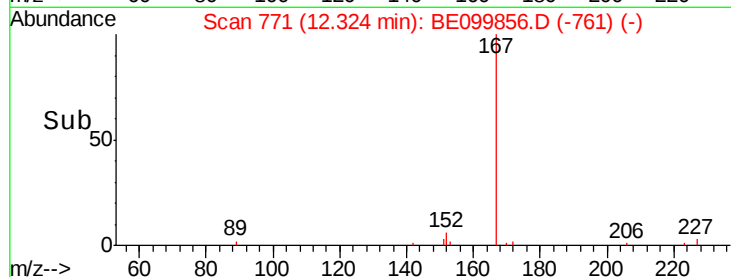
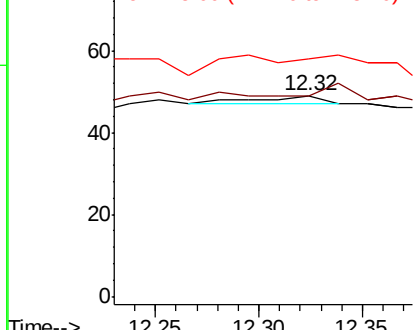
Ion	Ratio	Lower	Upper
142	100		
141	100.0	73.3	109.9
115	118.4	33.4	50.2#



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

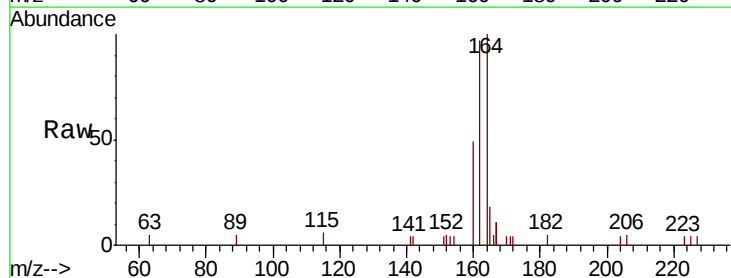
Delta R.T. -0.00 min

Lab File: BE099856.D

Acq: 7 Jun 2019 17:17

Tgt Ion:164 Resp: 2186

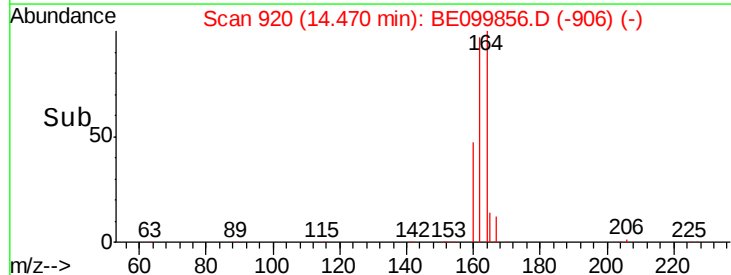
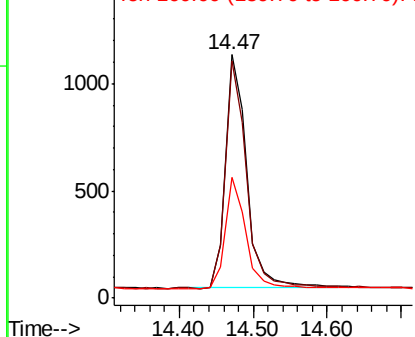
Ion	Ratio	Lower	Upper
164	100		
162	97.2	77.2	115.8
160	49.3	39.4	59.2

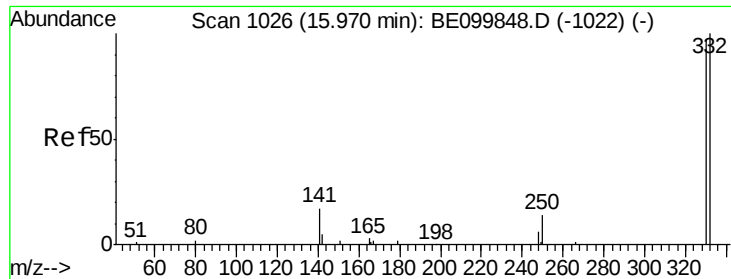


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

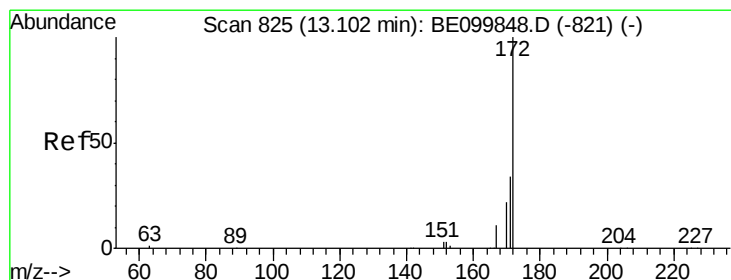
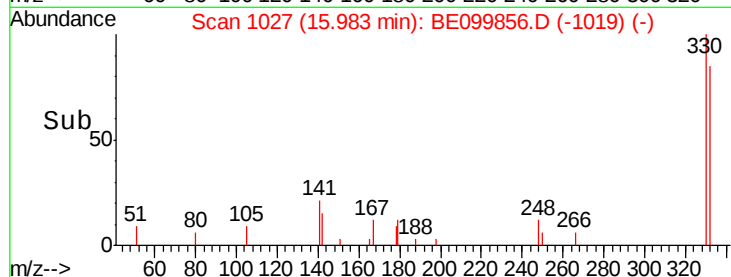
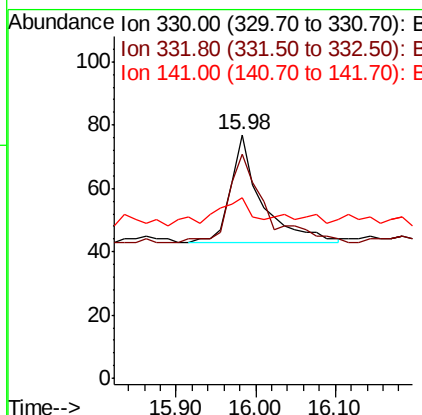
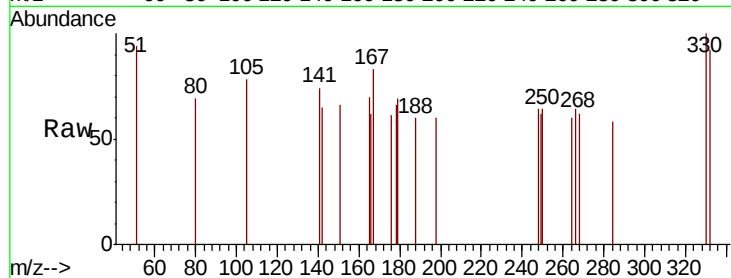




#14
 2,4,6-Tribromophenol
 Concen: 0.042 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BE099856.D
 Acq: 7 Jun 2019 17:17

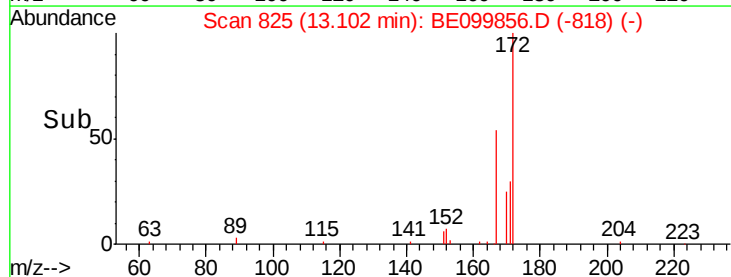
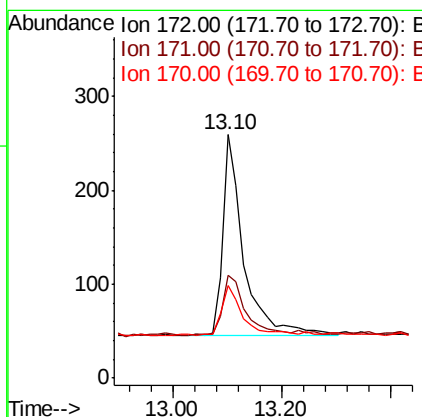
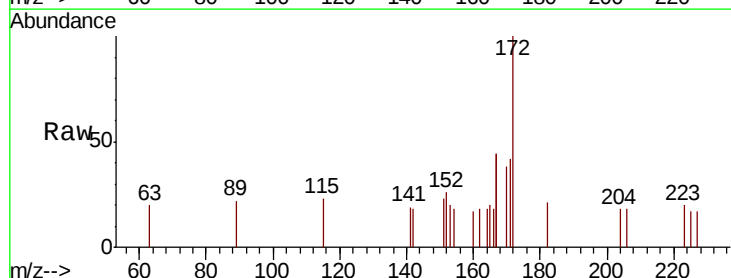
Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-MW201D-20190603DL

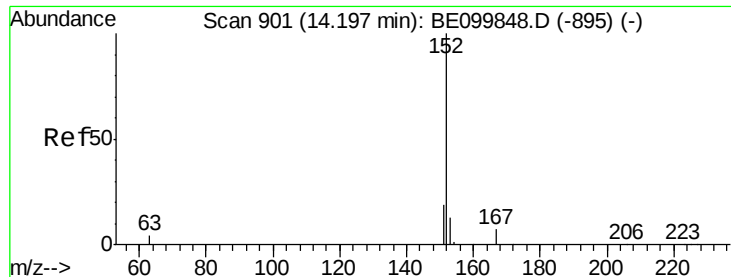
Tgt Ion: 330 Resp: 91
 Ion Ratio Lower Upper
 330 100
 332 95.6 74.9 112.3
 141 16.5 16.0 24.0



#15
 2-Fluorobiphenyl
 Concen: 0.074 ng
 RT: 13.10 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BE099856.D
 Acq: 7 Jun 2019 17:17

Tgt Ion: 172 Resp: 581
 Ion Ratio Lower Upper
 172 100
 171 42.5 30.2 45.4
 170 38.2 20.1 30.1#

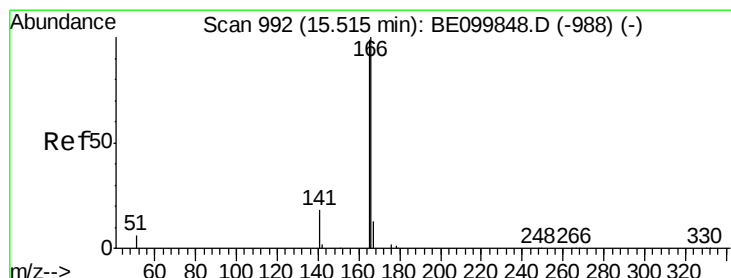
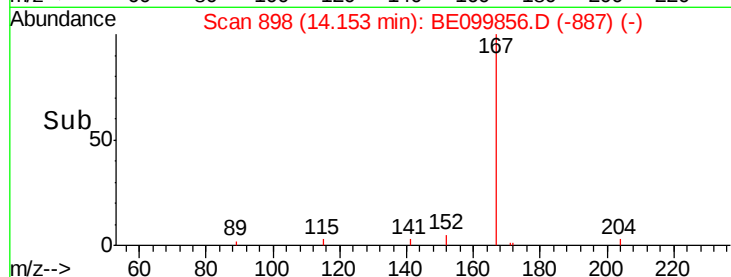
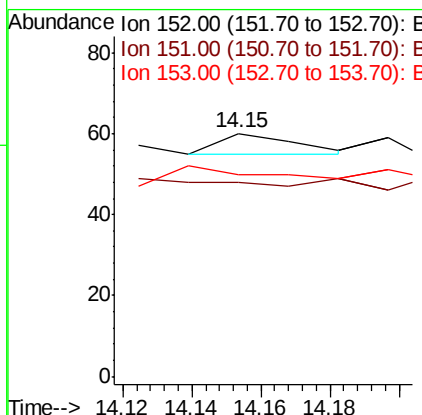
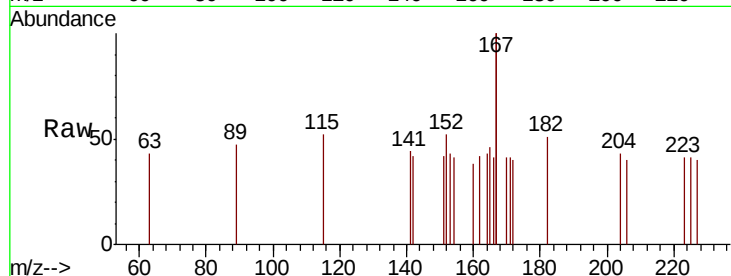




#16
Acenaphthylene
Concen: 0.001 ng
RT: 14.15 min Scan# 898
Delta R.T. -0.04 min
Lab File: BE099856.D
Acq: 7 Jun 2019 17:17

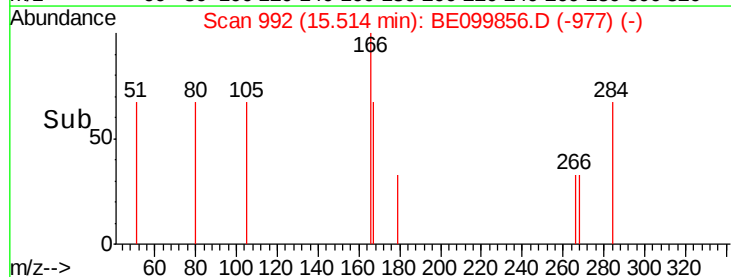
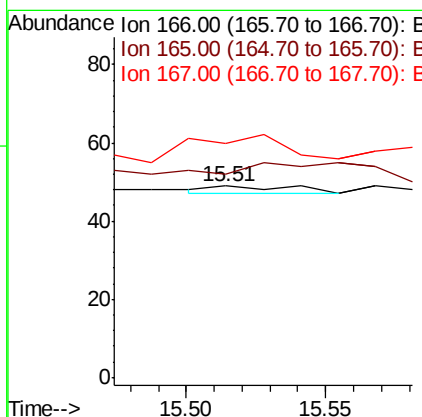
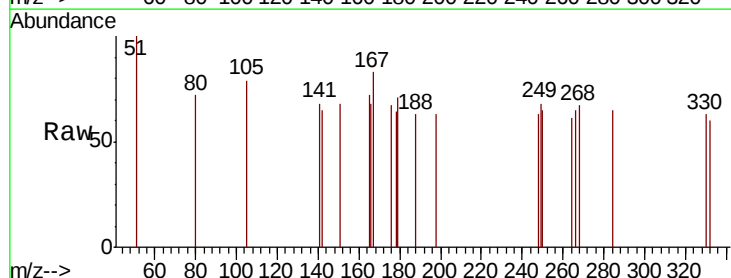
Instrument :
BNA_E
ClientSampleId :
BP-TT-MW201D-20190603DL

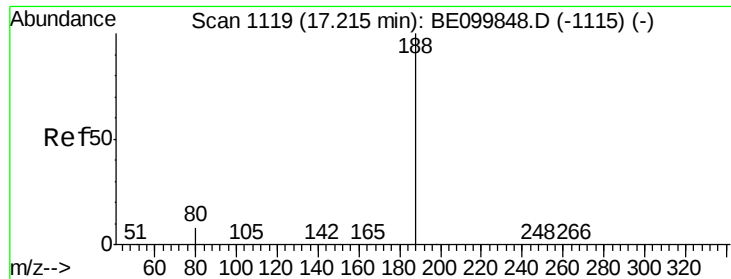
Tgt Ion:152 Resp: 8
Ion Ratio Lower Upper
152 100
151 0.0 15.9 23.9#
153 137.5 10.8 16.2#



#18
Fluorene
Concen: 0.000 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099856.D
Acq: 7 Jun 2019 17:17

Tgt Ion:166 Resp: 4
Ion Ratio Lower Upper
166 100
165 275.0 80.4 120.6#
167 425.0 10.7 16.1#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099856.D

Acq: 7 Jun 2019 17:17

Instrument :

BNA_E

ClientSampleId :

BP-TT-MW201D-20190603DL

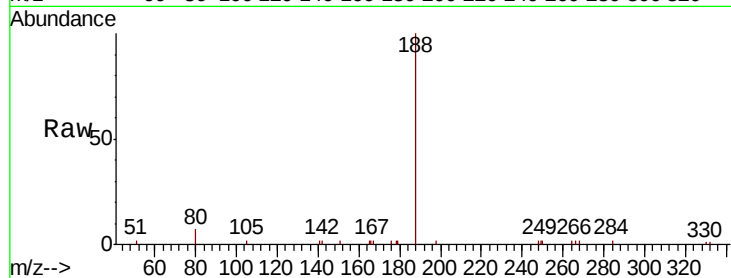
Tgt Ion:188 Resp: 7068

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

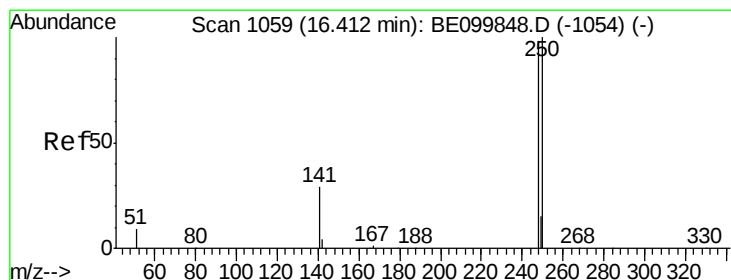
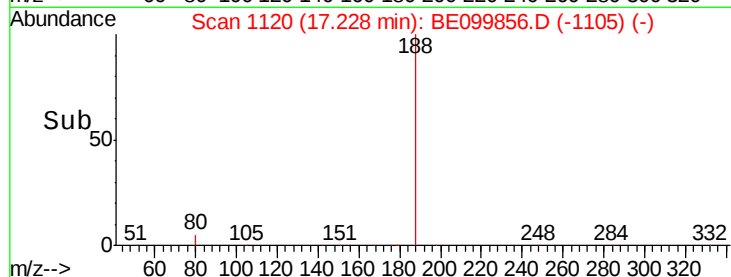
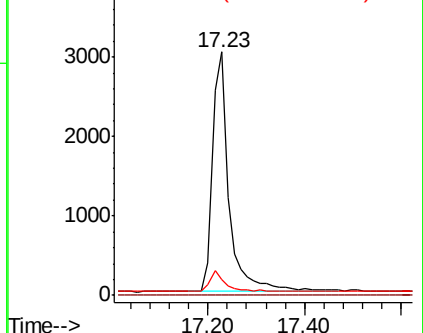
80 6.7 5.2 7.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.001 ng

RT: 16.38 min Scan# 1057

Delta R.T. -0.03 min

Lab File: BE099856.D

Acq: 7 Jun 2019 17:17

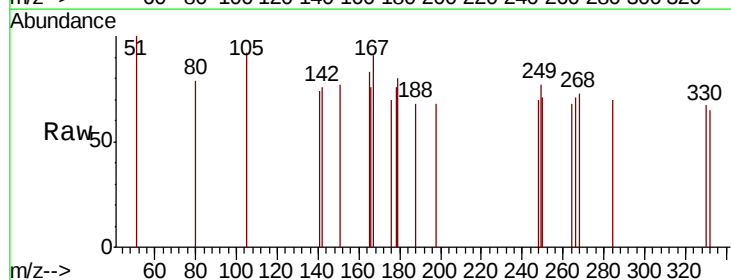
Tgt Ion:248 Resp: 6

Ion Ratio Lower Upper

248 100

250 102.2 73.7 110.5

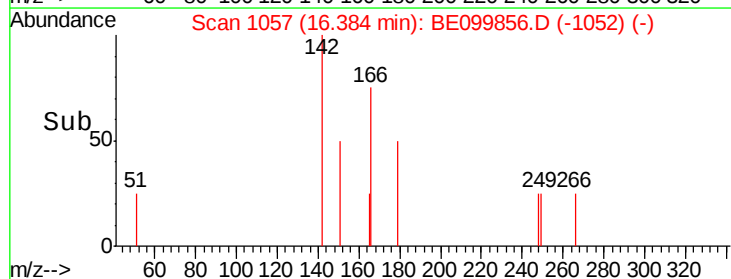
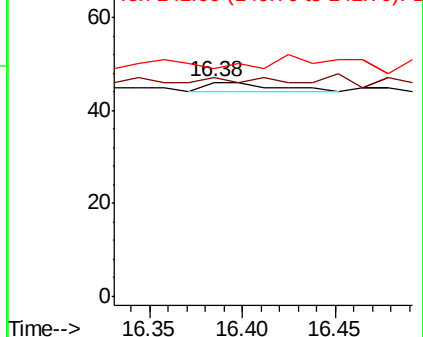
141 106.5 40.9 61.3#

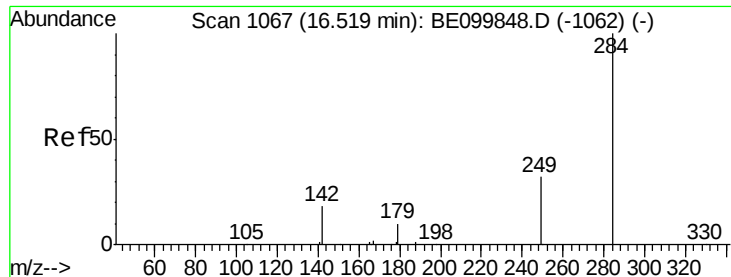


Abundance Ion 248.00 (247.70 to 248.70): E

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: 16.55 min Scan# 1069

Delta R.T. 0.03 min

Lab File: BE099856.D

Acq: 7 Jun 2019 17:17

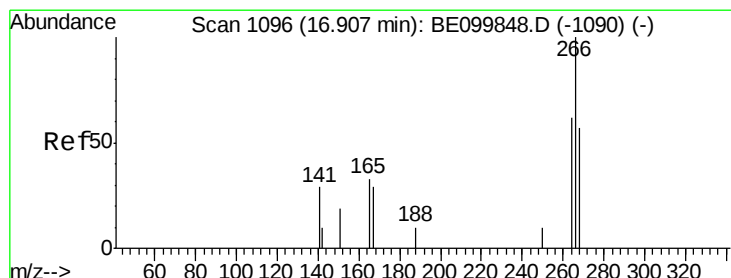
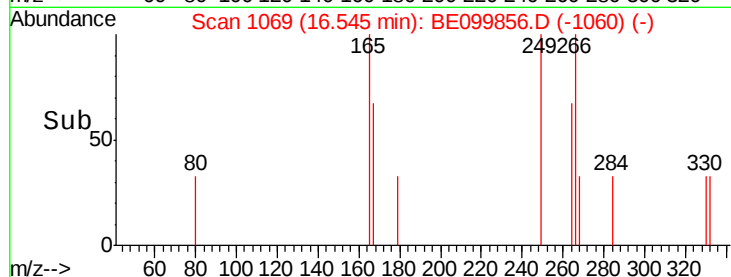
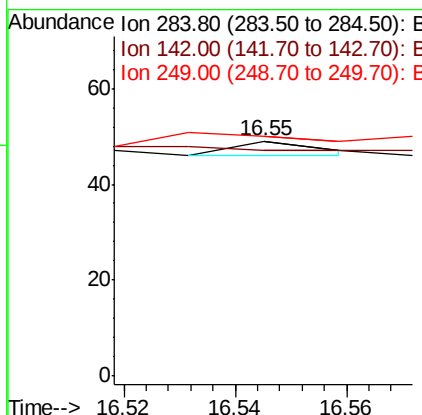
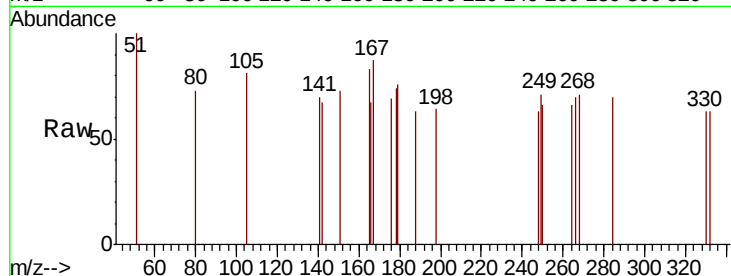
Instrument :

BNA_E

ClientSampleId :

BP-TT-MW201D-20190603DL

Tgt Ion:	284	Resp:	3
Ion Ratio	Lower	Upper	
284	100		
142	0.0	16.2	24.4#
249	166.7	23.1	34.7#



#22

Pentachlorophenol

Concen: 0.235 ng

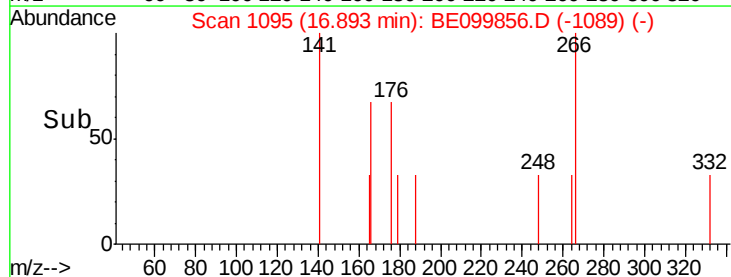
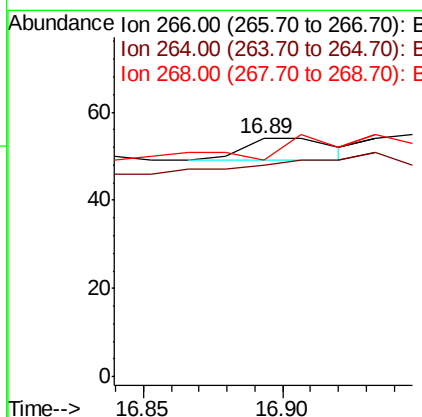
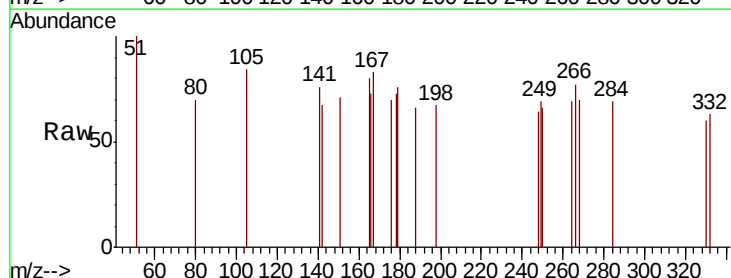
RT: 16.89 min Scan# 1095

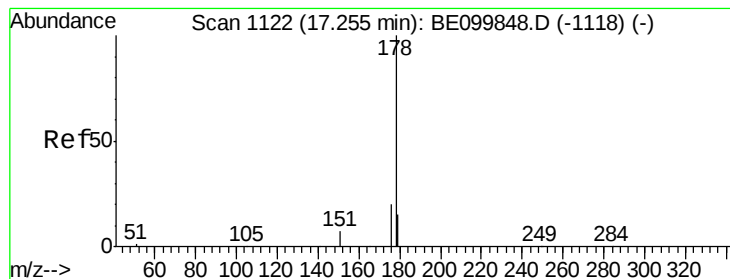
Delta R.T. -0.03 min

Lab File: BE099856.D

Acq: 7 Jun 2019 17:17

Tgt Ion:	266	Resp:	11
Ion Ratio	Lower	Upper	
266	100		
264	88.9	64.9	97.3
268	90.7	64.0	96.0





#23

Phenanthrene

Concen: 0.003 ng

RT: 17.27 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BE099856.D

Acq: 7 Jun 2019 17:17

Instrument :

BNA_E

ClientSampleId :

BP-TT-MW201D-20190603DL

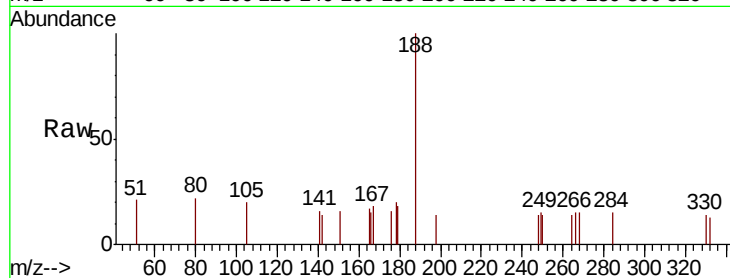
Tgt Ion:178 Resp: 56

Ion Ratio Lower Upper

178 100

176 25.0 15.4 23.0#

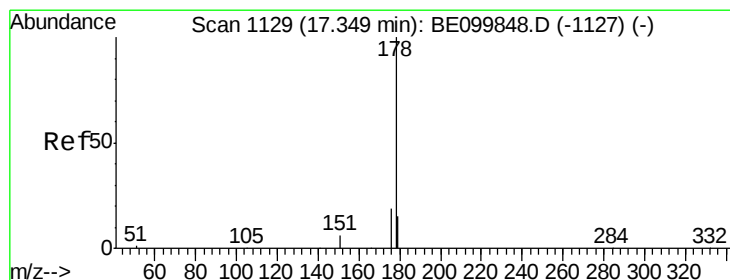
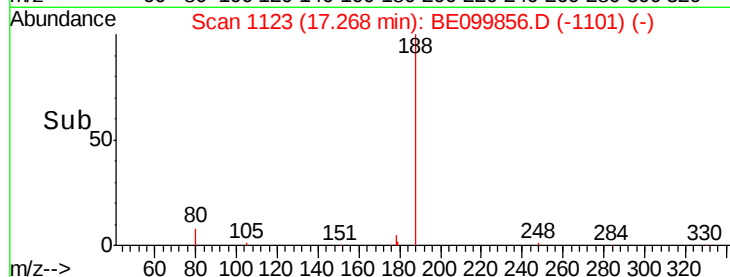
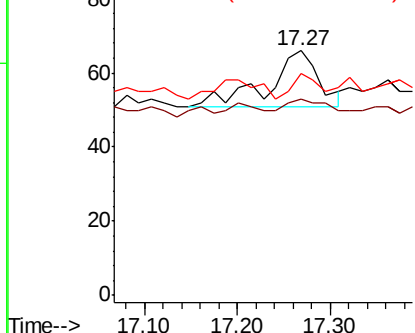
179 23.2 12.5 18.7#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.001 ng

RT: 17.36 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BE099856.D

Acq: 7 Jun 2019 17:17

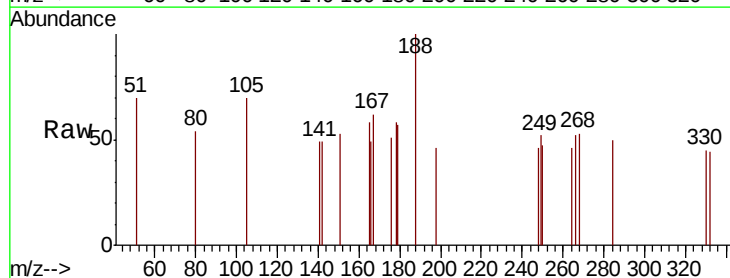
Tgt Ion:178 Resp: 16

Ion Ratio Lower Upper

178 100

176 0.0 15.1 22.7#

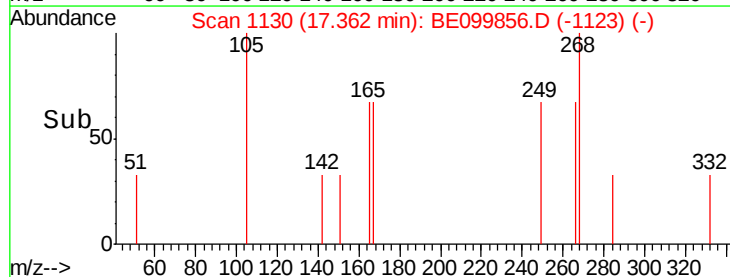
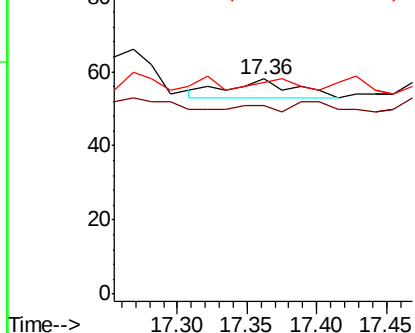
179 37.5 12.1 18.1#

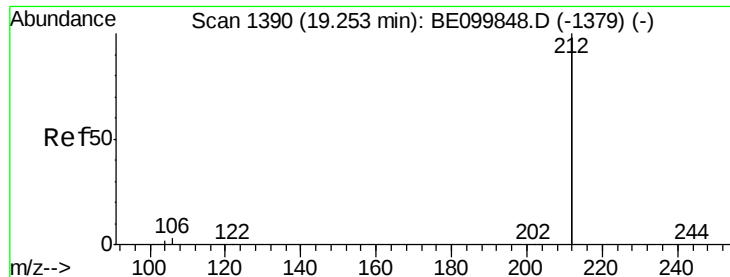


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.057 ng

RT: 19.26 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BE099856.D

Acq: 7 Jun 2019 17:17

Instrument :

BNA_E

ClientSampleId :

BP-TT-MW201D-20190603DL

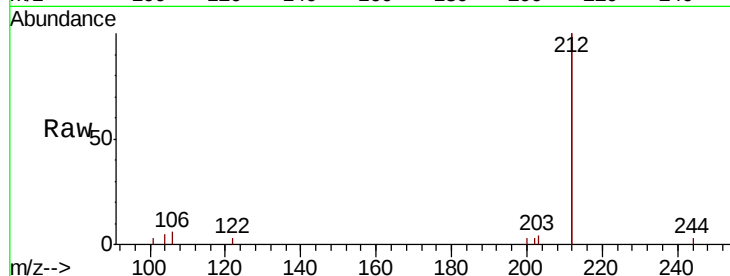
Tgt Ion:212 Resp: 6295

Ion Ratio Lower Upper

212 100

106 1.9 1.4 2.0

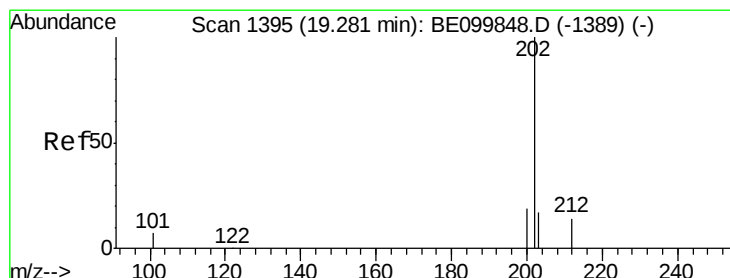
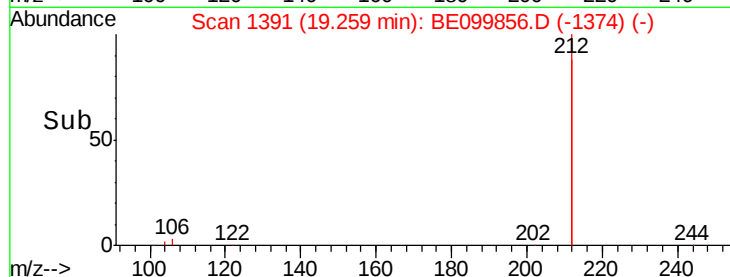
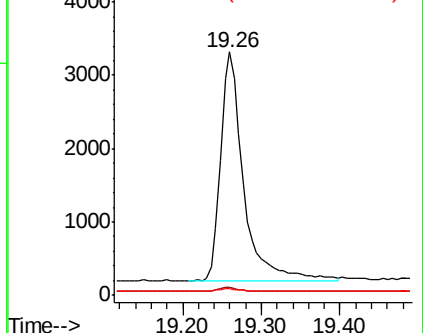
104 1.2 0.8 1.2



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.003 ng

RT: 19.29 min Scan# 1396

Delta R.T. 0.00 min

Lab File: BE099856.D

Acq: 7 Jun 2019 17:17

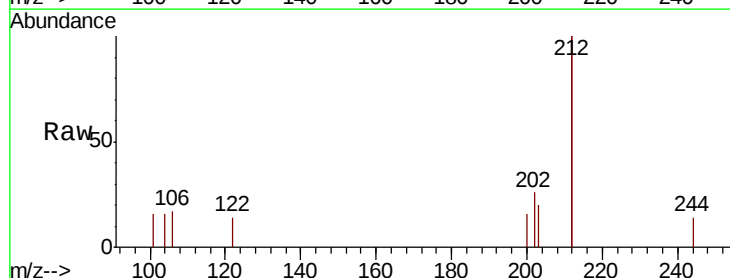
Tgt Ion:202 Resp: 100

Ion Ratio Lower Upper

202 100

101 8.0 5.2 7.8#

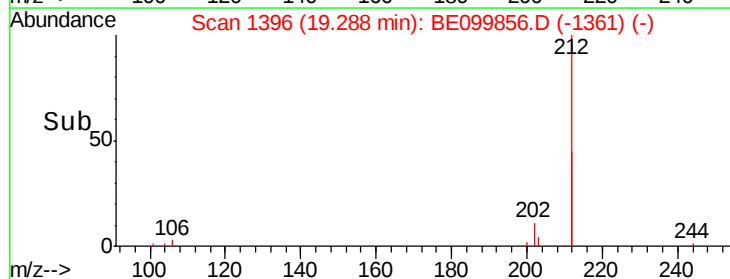
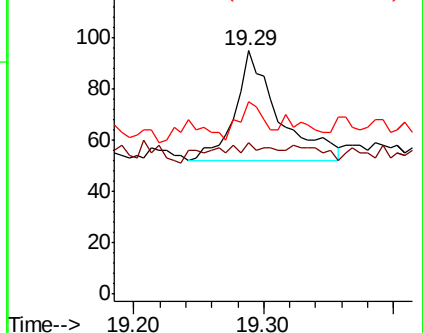
203 19.0 13.6 20.4

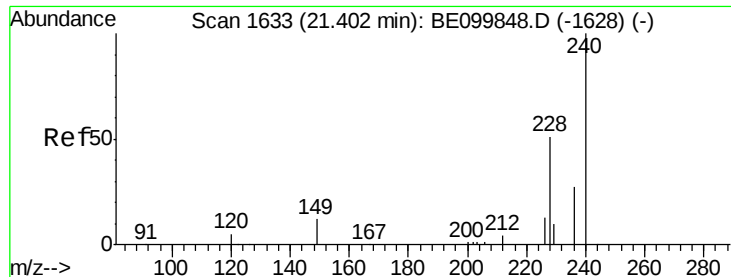


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

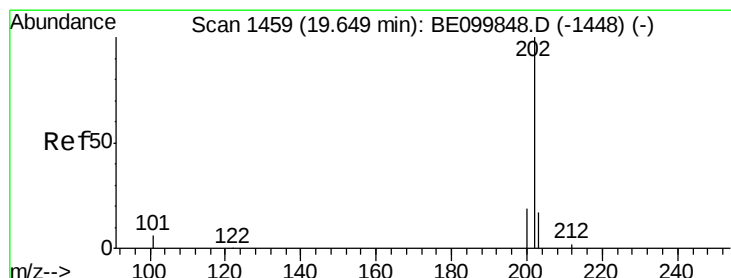
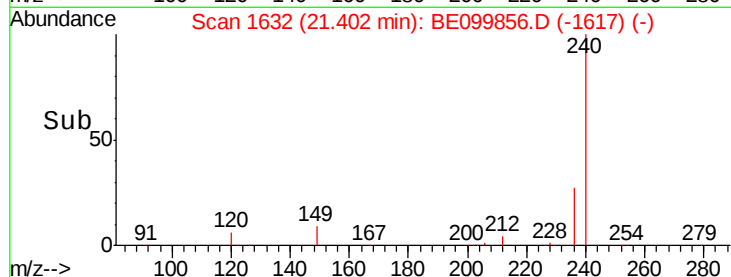
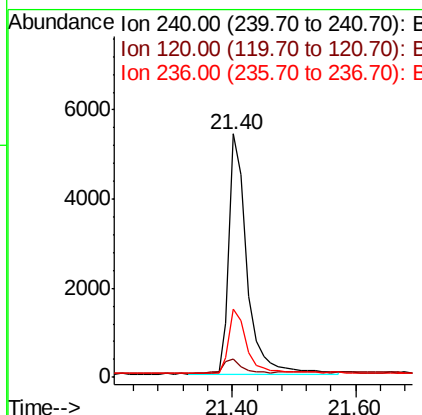
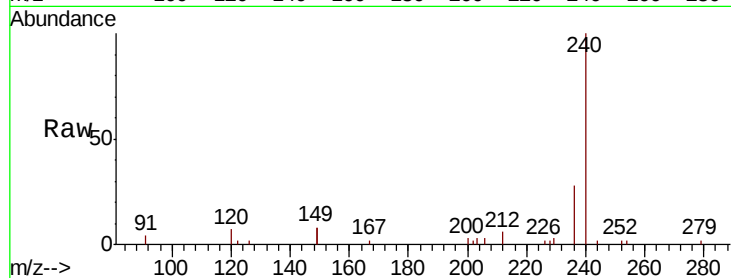




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE099856.D
Acq: 7 Jun 2019 17:17

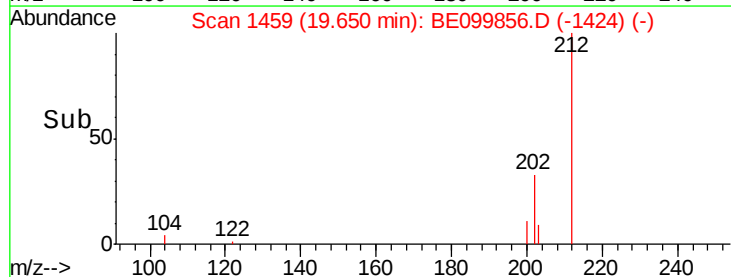
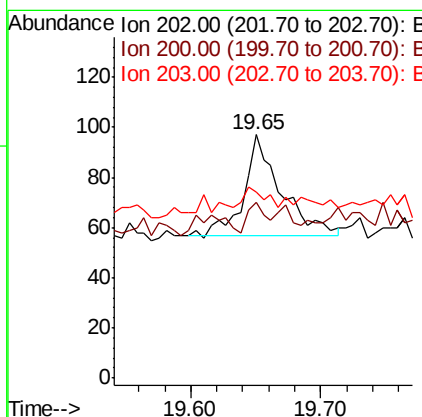
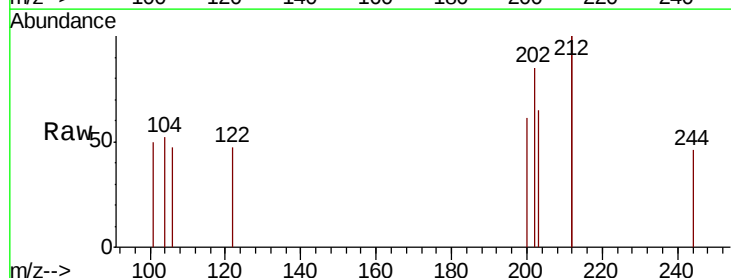
Instrument :
BNA_E
ClientSampleId :
BP-TT-MW201D-20190603DL

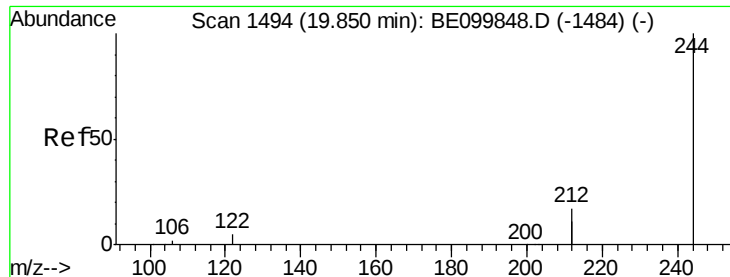
Tgt Ion:240 Resp: 10806
Ion Ratio Lower Upper
240 100
120 7.3 2.8 4.2#
236 28.2 20.9 31.3



#28
Pyrene
Concen: 0.003 ng
RT: 19.65 min Scan# 1459
Delta R.T. 0.00 min
Lab File: BE099856.D
Acq: 7 Jun 2019 17:17

Tgt Ion:202 Resp: 79
Ion Ratio Lower Upper
202 100
200 13.9 15.6 23.4#
203 11.4 14.1 21.1#





#29

Terphenyl-d14

Concen: 0.087 ng

RT: 19.85 min Scan# 1494

Delta R.T. -0.01 min

Lab File: BE099856.D

Acq: 7 Jun 2019 17:17

Instrument :

BNA_E

ClientSampleId :

BP-TT-MW201D-20190603DL

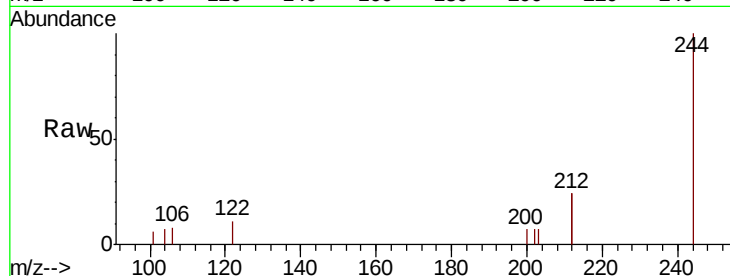
Tgt Ion:244 Resp: 1749

Ion Ratio Lower Upper

244 100

212 49.0 23.7 35.5#

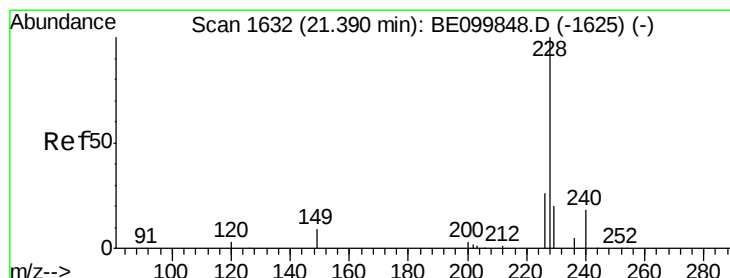
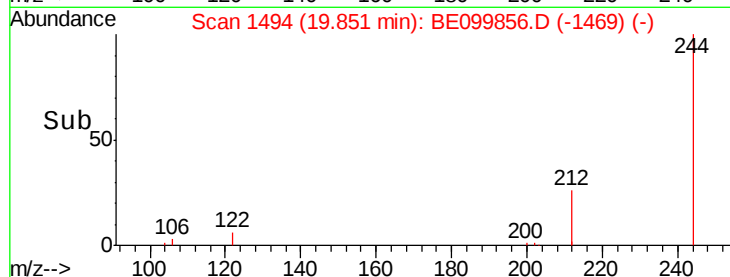
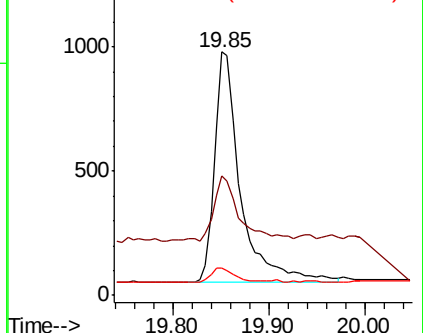
122 11.0 4.8 7.2#



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: 0.005 ng

RT: 21.39 min Scan# 1631

Delta R.T. -0.00 min

Lab File: BE099856.D

Acq: 7 Jun 2019 17:17

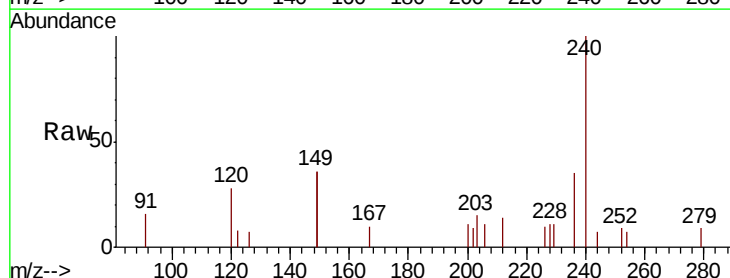
Tgt Ion:228 Resp: 158

Ion Ratio Lower Upper

228 100

226 89.6 21.6 32.4#

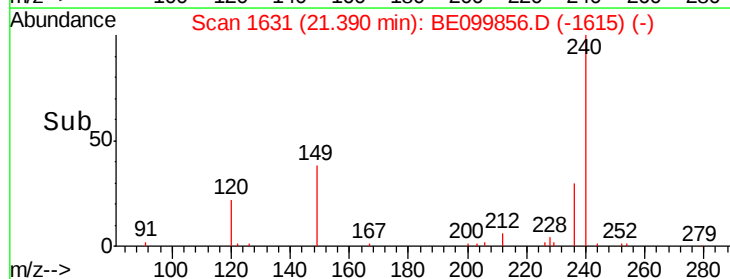
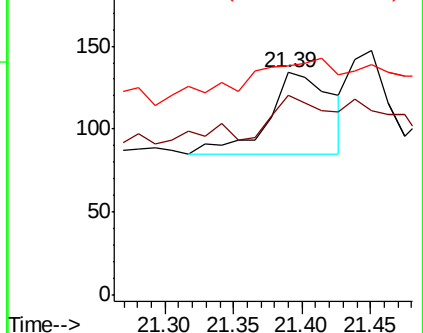
229 103.0 15.8 23.6#

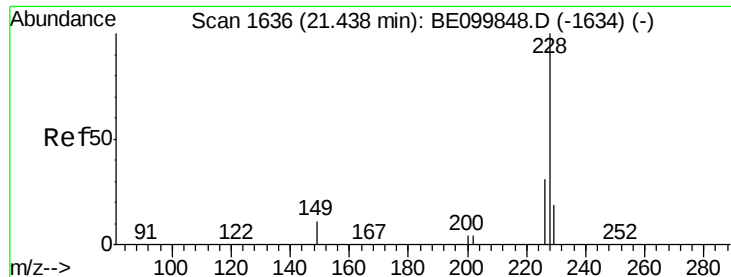


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.003 ng

RT: 21.45 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BE099856.D

Acq: 7 Jun 2019 17:17

Instrument :

BNA_E

ClientSampleId :

BP-TT-MW201D-20190603DL

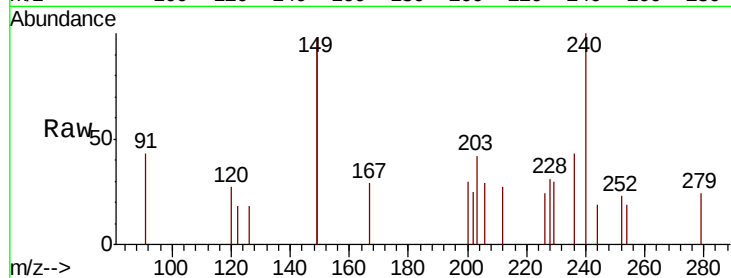
Tgt Ion: 228 Resp: 97

Ion Ratio Lower Upper

228 100

226 75.5 22.9 34.3#

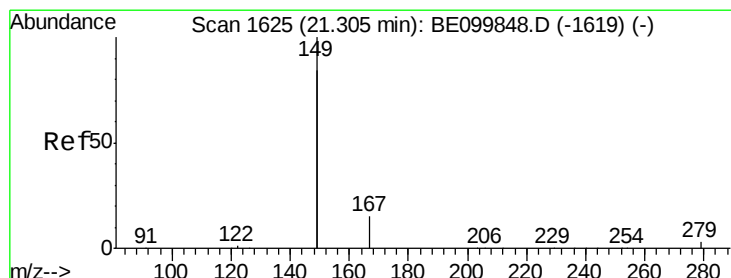
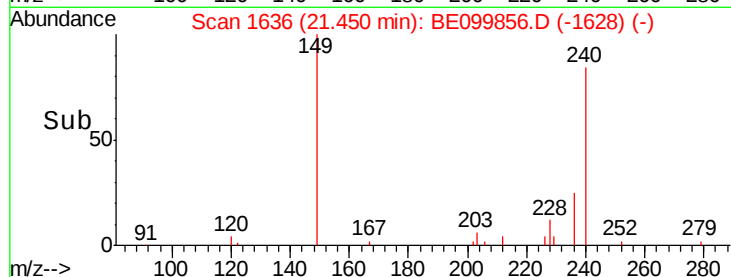
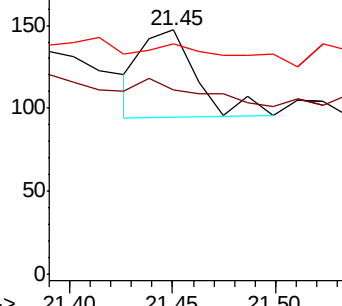
229 94.6 16.4 24.6#



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.024 ng

RT: 21.31 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE099856.D

Acq: 7 Jun 2019 17:17

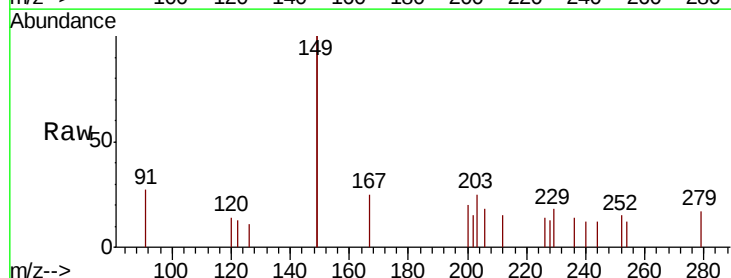
Tgt Ion: 149 Resp: 1343

Ion Ratio Lower Upper

149 100

167 9.4 6.0 9.0#

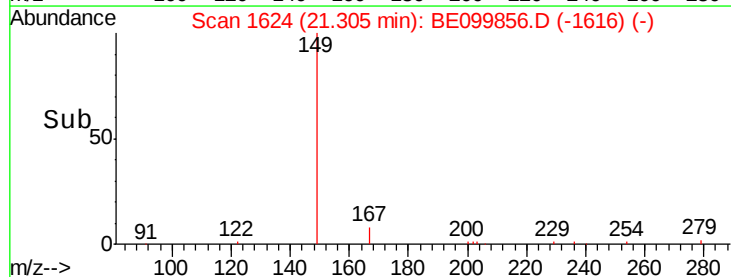
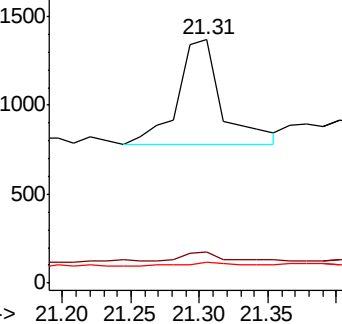
279 3.8 1.2 1.8#

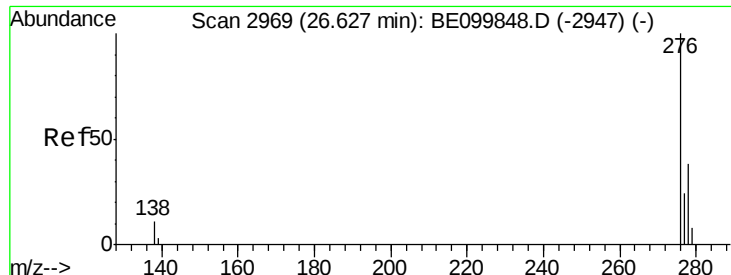


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.000 ng

RT: 26.63 min Scan# 2968

Delta R.T. -0.00 min

Lab File: BE099856.D

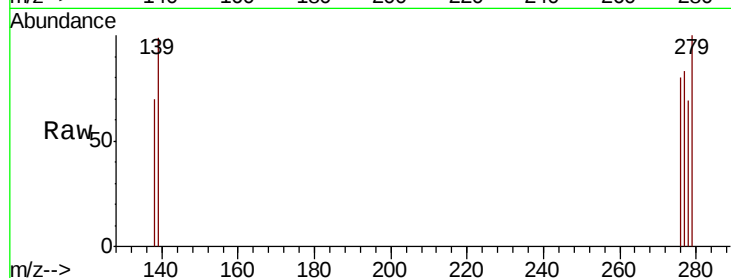
Acq: 7 Jun 2019 17:17

Instrument :

BNA_E

ClientSampleId :

BP-TT-MW201D-20190603DL



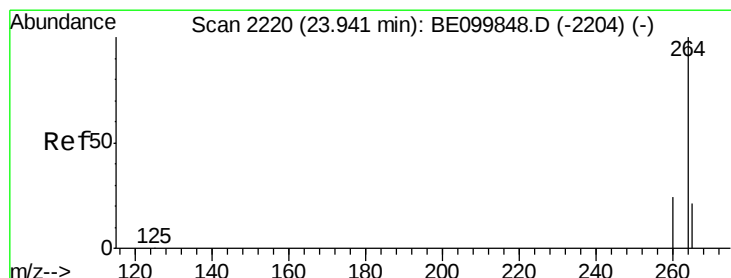
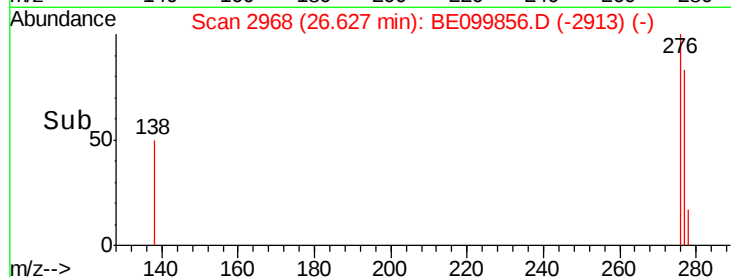
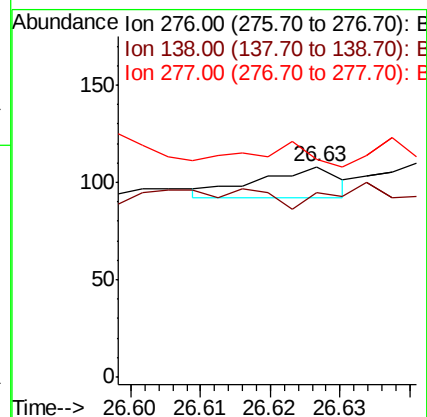
Tgt Ion:276 Resp: 13

Ion Ratio Lower Upper

276 100

138 100.0 10.3 15.5#

277 53.8 19.4 29.2#



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.94 min Scan# 2218

Delta R.T. -0.00 min

Lab File: BE099856.D

Acq: 7 Jun 2019 17:17

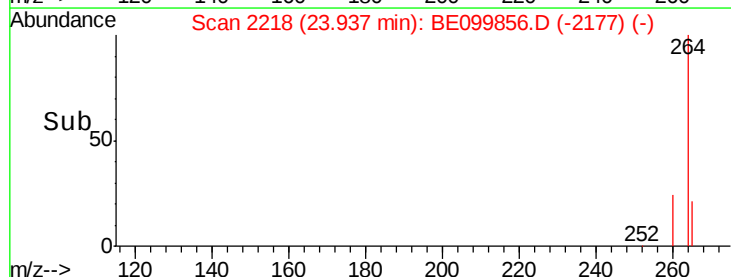
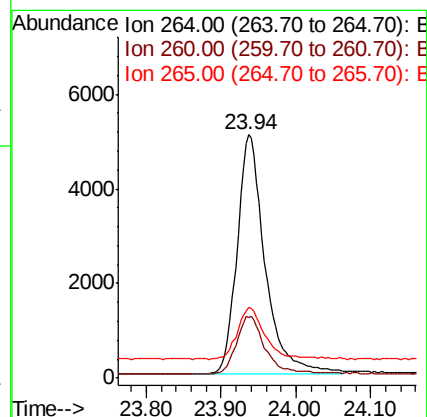
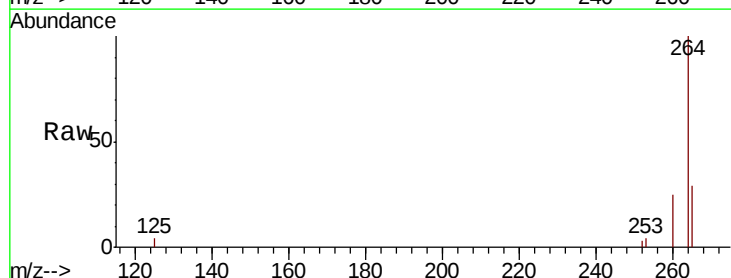
Tgt Ion:264 Resp: 13210

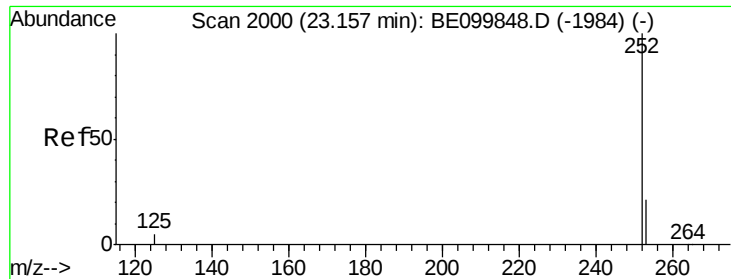
Ion Ratio Lower Upper

264 100

260 25.1 20.0 30.0

265 28.9 20.7 31.1





#35

Benzo(b)fluoranthene

Concen: 0.006 ng

RT: 23.18 min Scan# 2005

Delta R.T. 0.02 min

Lab File: BE099856.D

Acq: 7 Jun 2019 17:17

Instrument :

BNA_E

ClientSampleId :

BP-TT-MW201D-20190603DL

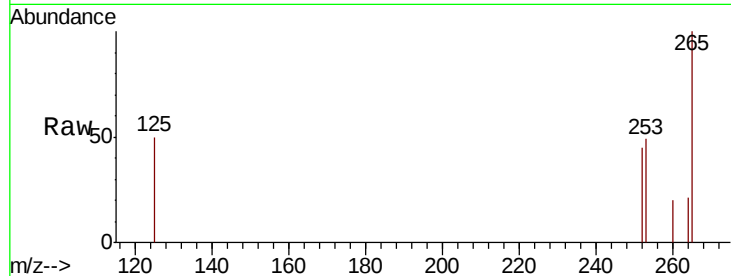
Tgt Ion:252 Resp: 206

Ion Ratio Lower Upper

252 100

253 108.8 18.9 28.3#

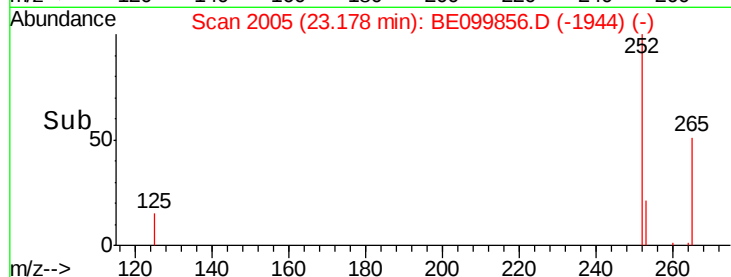
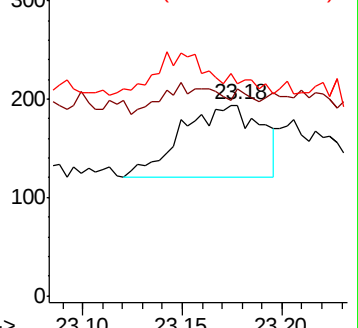
125 110.8 7.6 11.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.006 ng

RT: 23.18 min Scan# 2005

Delta R.T. -0.03 min

Lab File: BE099856.D

Acq: 7 Jun 2019 17:17

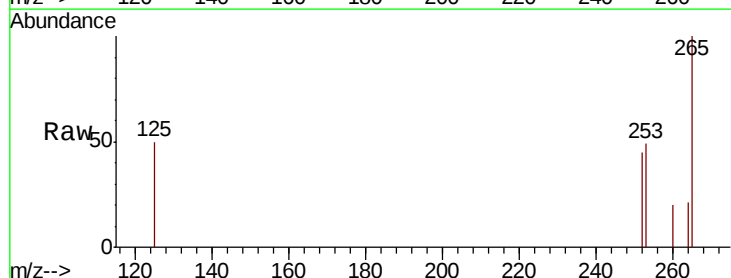
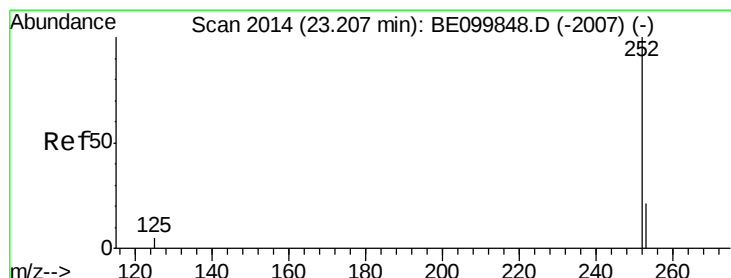
Tgt Ion:252 Resp: 206

Ion Ratio Lower Upper

252 100

253 108.8 18.4 27.6#

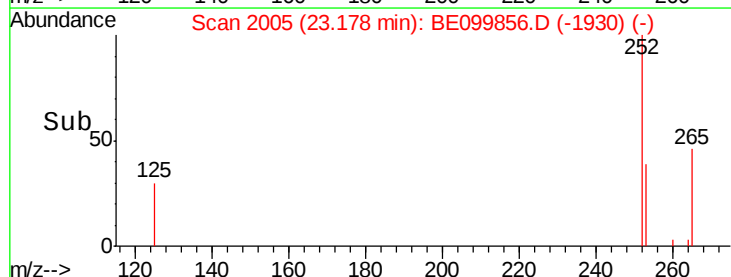
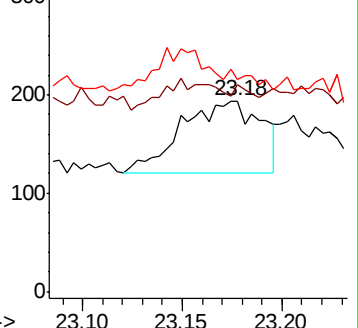
125 110.8 4.6 7.0#

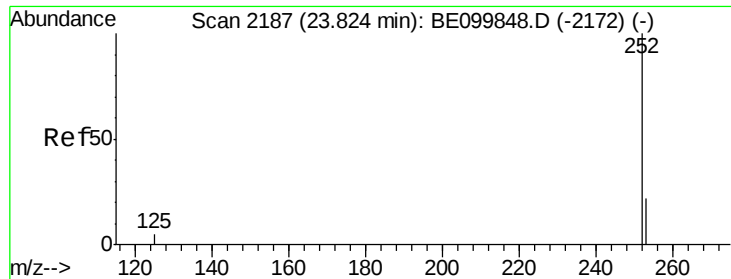


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.003 ng

RT: 23.82 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BE099856.D

Acq: 7 Jun 2019 17:17

Instrument :

BNA_E

ClientSampleId :

BP-TT-MW201D-20190603DL

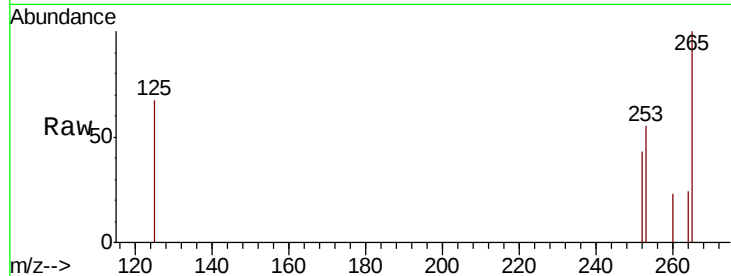
Tgt Ion: 252 Resp: 106

Ion Ratio Lower Upper

252 100

253 129.6 19.3 28.9#

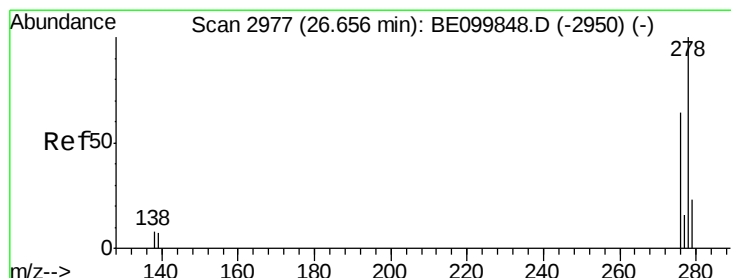
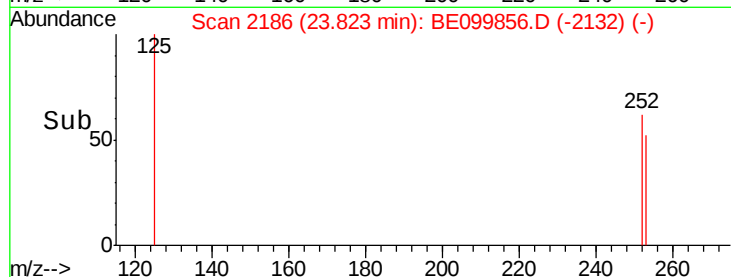
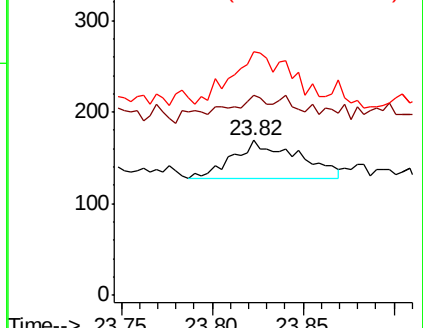
125 157.4 10.2 15.4#



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: 26.64 min Scan# 2973

Delta R.T. -0.01 min

Lab File: BE099856.D

Acq: 7 Jun 2019 17:17

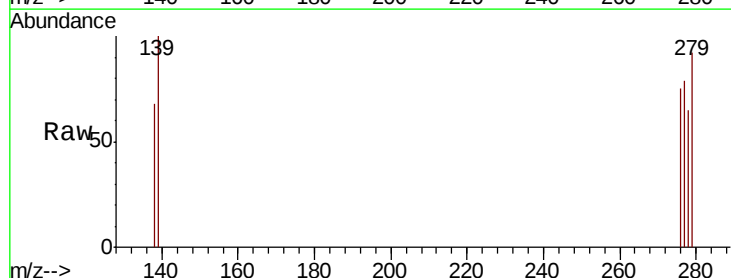
Tgt Ion: 278 Resp: 2

Ion Ratio Lower Upper

278 100

139 154.3 7.9 11.9#

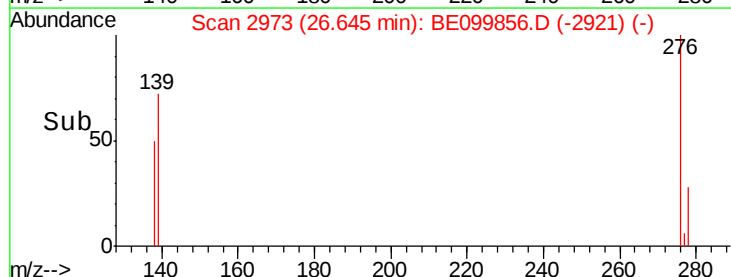
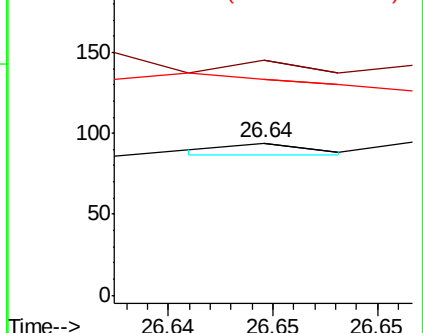
279 141.5 18.5 27.7#

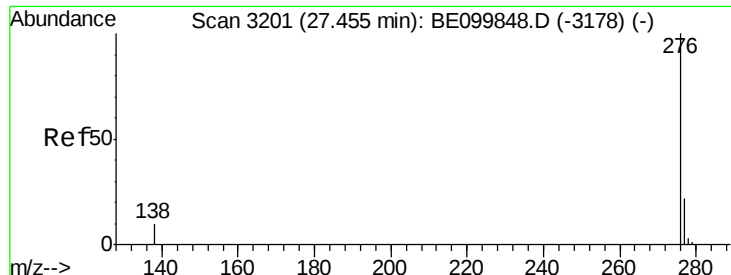


Abundance Ion 278.00 (277.70 to 278.70): E

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# 3199

Delta R.T. -0.01 min

Lab File: BE099856.D

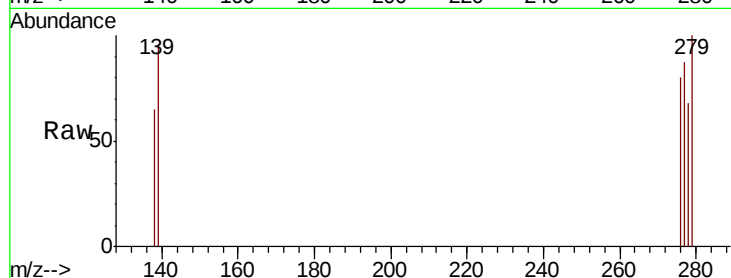
Acq: 7 Jun 2019 17:17

Instrument :

BNA_E

ClientSampleId :

BP-TT-MW201D-20190603DL



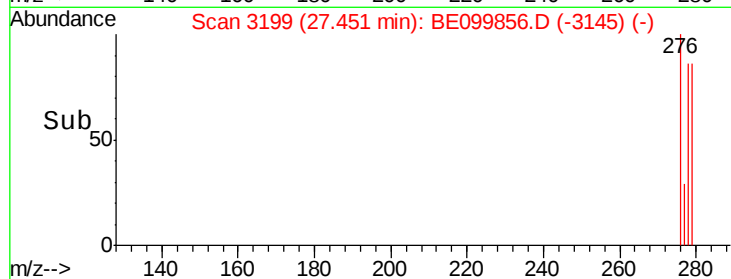
Tgt Ion: 276 Resp: 12

Ion Ratio Lower Upper

276 100

277 109.4 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

27.45

Time-->