

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060619\
 Data File : BE099820.D
 Acq On : 6 Jun 2019 13:54
 Operator : JU/SJ
 Sample : K3190-16MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW304S-20190604MS

Quant Time: Jun 07 02:05:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE060519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 05 14:35:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1045	0.40	ng	0.01
7) Naphthalene-d8	10.63	136	3607	0.40	ng	0.01
13) Acenaphthene-d10	14.48	164	2447	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	8983	0.40	ng	0.00
27) Chrysene-d12	21.41	240	16509	0.40	ng	0.00
34) Perylene-d12	23.95	264	18561	0.40	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	449	0.18	ng	0.01
5) Phenol-d6	7.00	99	351	0.11	ng	0.04
8) Nitrobenzene-d5	8.98	82	1159	0.37	ng	0.01
11) 2-Methylnaphthalene-d10	12.22	152	2903	0.47	ng	0.01
14) 2,4,6-Tribromophenol	15.98	330	536	0.42	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	3448	0.38	ng	0.01
25) Fluoranthene-d10	19.26	212	54292	0.41	ng	0.00
29) Terphenyl-d14	19.86	244	13203	0.49	ng	0.00

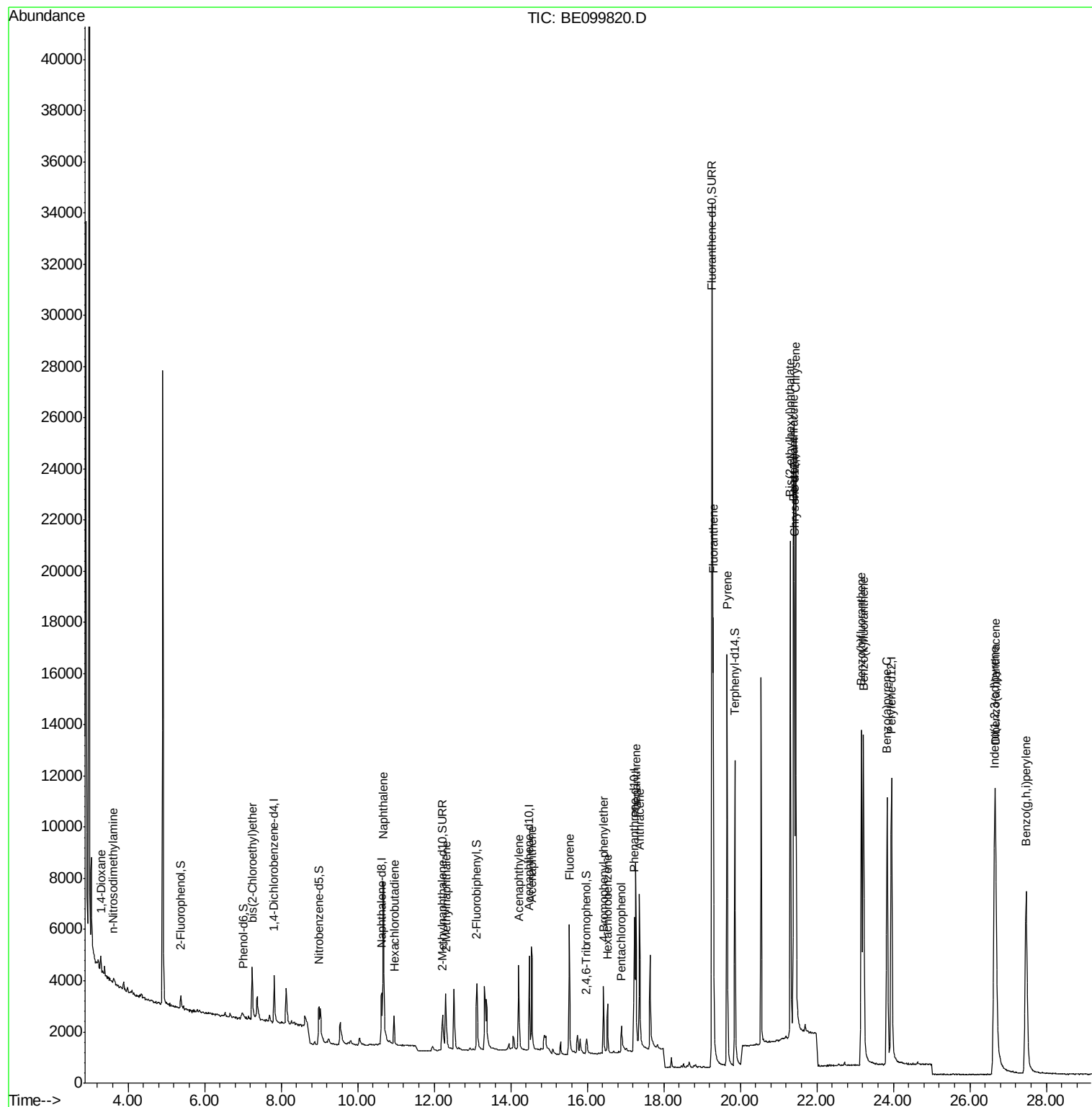
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.29	88	451	0.298	ng	# 64
3) n-Nitrosodimethylamine	3.61	42	171	0.213	ng	# 90
6) bis(2-Chloroethyl)ether	7.24	93	1117	0.390	ng	99
9) Naphthalene	10.68	128	14737	0.383	ng	99
10) Hexachlorobutadiene	10.95	225	952	0.325	ng	96
12) 2-Methylnaphthalene	12.31	142	2211	0.360	ng	95
16) Acenaphthylene	14.21	152	4476	0.379	ng	98
17) Acenaphthene	14.54	154	2518	0.390	ng	99
18) Fluorene	15.53	166	3757	0.395	ng	98
20) 4-Bromophenyl-phenylether	16.42	248	1781	0.355	ng	# 88
21) Hexachlorobenzene	16.53	284	1889	0.344	ng	96
22) Pentachlorophenol	16.89	266	1125	0.903	ng	88
23) Phenanthrene	17.27	178	8328	0.388	ng	98
24) Anthracene	17.36	178	7320	0.378	ng	99
26) Fluoranthene	19.29	202	16322	0.434	ng	100
28) Pyrene	19.66	202	17444	0.437	ng	100
30) Benzo(a)anthracene	21.39	228	21045	0.461	ng	99
31) Chrysene	21.45	228	21624	0.429	ng	98
32) Bis(2-ethylhexyl)phthalate	21.31	149	24048	0.459	ng	100
33) Indeno(1,2,3-cd)pyrene	26.64	276	23890	0.396	ng	99
35) Benzo(b)fluoranthene	23.16	252	20911	0.407	ng	# 97
36) Benzo(k)fluoranthene	23.22	252	23286	0.427	ng	100
37) Benzo(a)pyrene	23.84	252	19988	0.401	ng	# 92
38) Dibenzo(a,h)anthracene	26.67	278	18822	0.371	ng	97
39) Benzo(g,h,i)perylene	27.47	276	21143	0.397	ng	100

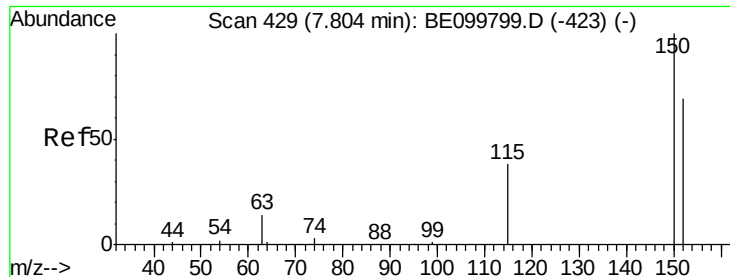
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. 0.01 min

Lab File: BE099820.D

Acq: 6 Jun 2019 13:54

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20190604MS

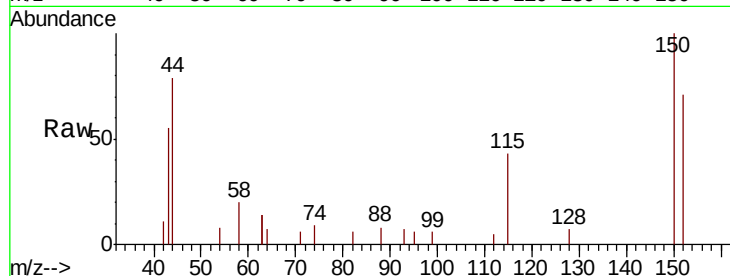
Tgt Ion:152 Resp: 1045

Ion Ratio Lower Upper

152 100

150 140.0 112.8 169.2

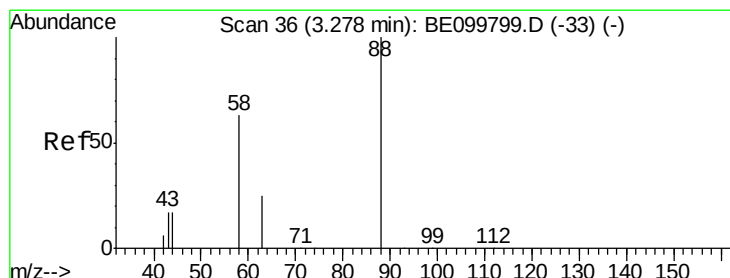
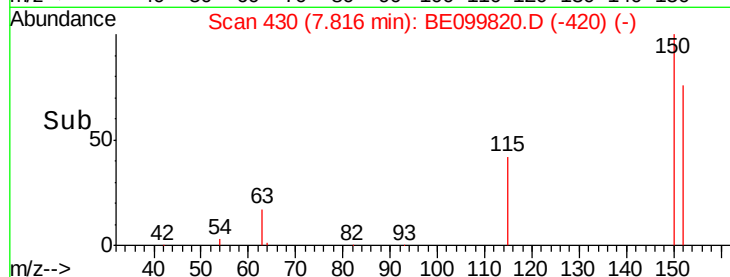
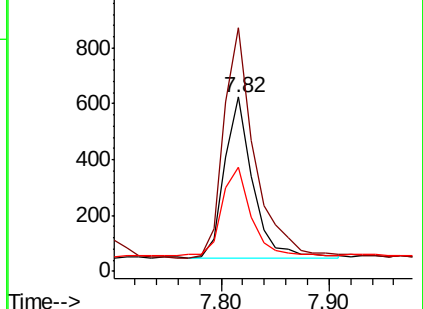
115 59.9 47.6 71.4



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: 0.298 ng

RT: 3.29 min Scan# 37

Delta R.T. 0.01 min

Lab File: BE099820.D

Acq: 6 Jun 2019 13:54

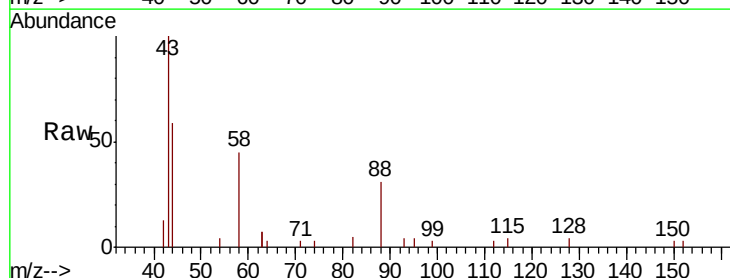
Tgt Ion: 88 Resp: 451

Ion Ratio Lower Upper

88 100

58 82.5 47.3 70.9#

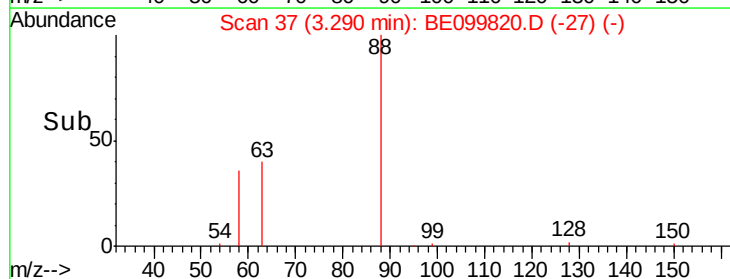
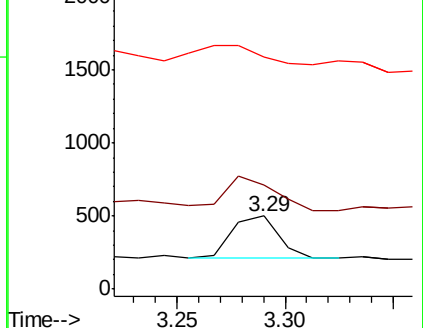
43 0.0 18.2 27.4#

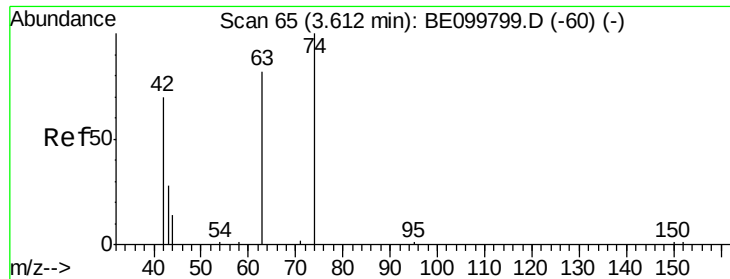


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.213 ng

RT: 3.61 min Scan# 65

Delta R.T. 0.00 min

Lab File: BE099820.D

Acq: 6 Jun 2019 13:54

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BPS1-TT-MW304S-20190604MS

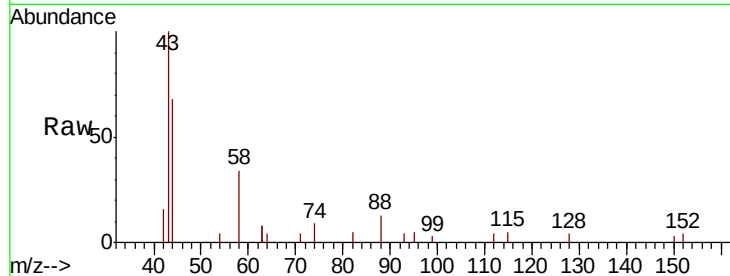
Tgt Ion: 42 Resp: 171

Ion Ratio Lower Upper

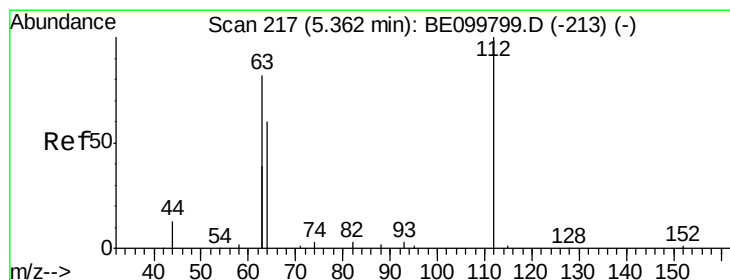
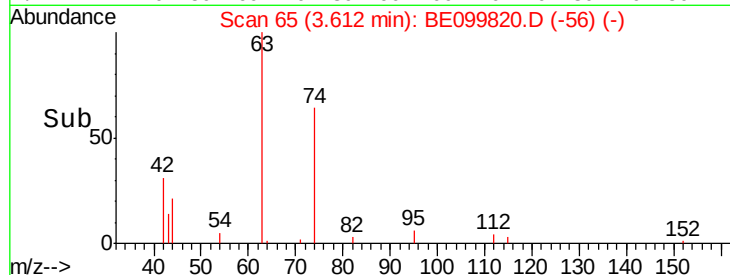
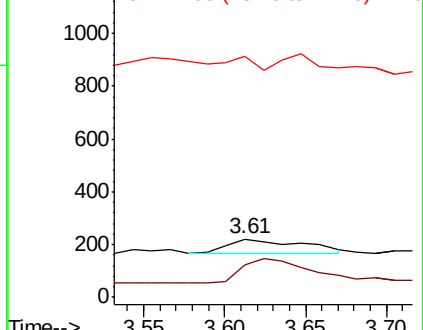
42 100

74 156.1 132.6 198.8

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: 0.177 ng

RT: 5.37 min Scan# 218

Delta R.T. 0.01 min

Lab File: BE099820.D

Acq: 6 Jun 2019 13:54

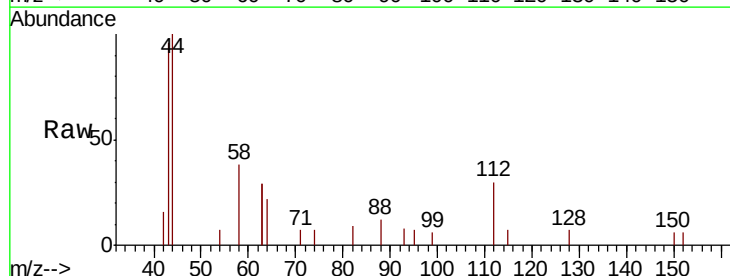
Tgt Ion: 112 Resp: 449

Ion Ratio Lower Upper

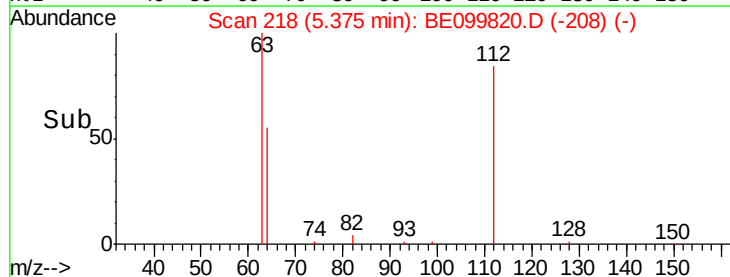
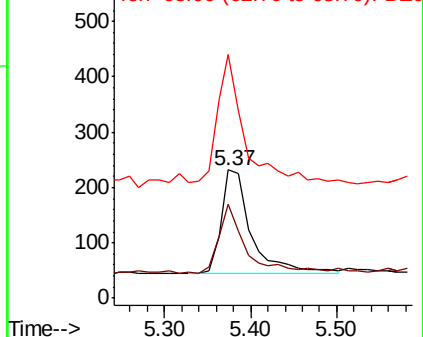
112 100

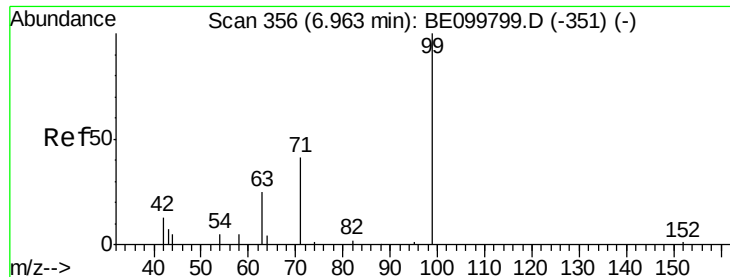
64 56.3 47.2 70.8

63 116.9 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: 0.107 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.04 min

Lab File: BE099820.D

Acq: 6 Jun 2019 13:54

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20190604MS

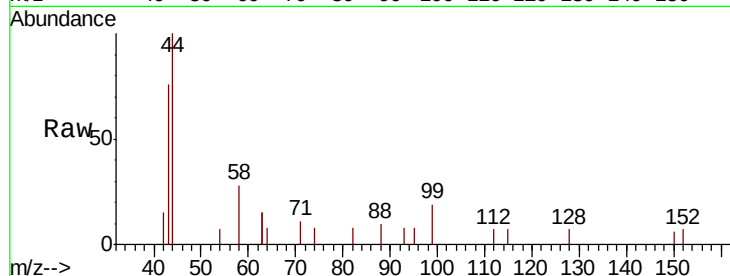
Tgt Ion: 99 Resp: 351

Ion Ratio Lower Upper

99 100

42 32.5 11.0 16.4#

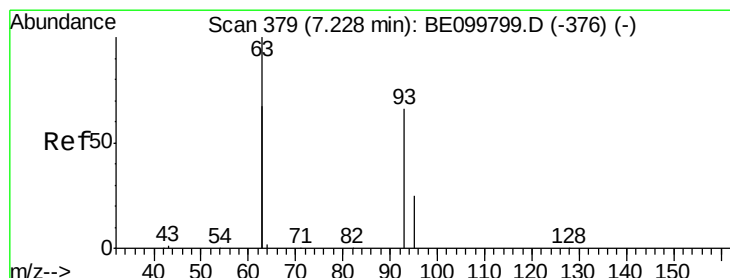
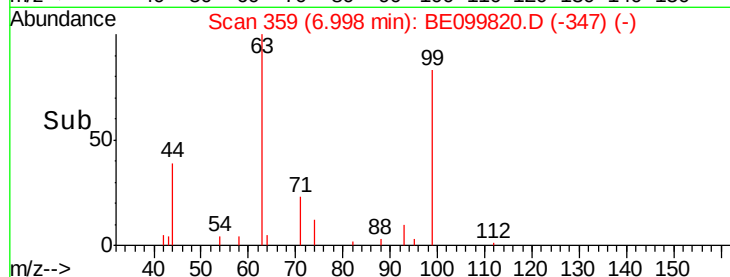
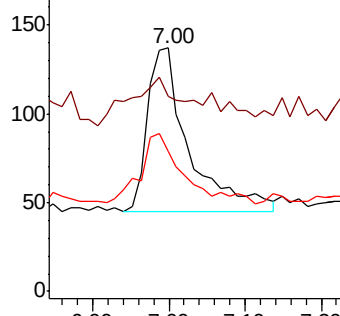
71 45.6 26.1 39.1#



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: 0.390 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.01 min

Lab File: BE099820.D

Acq: 6 Jun 2019 13:54

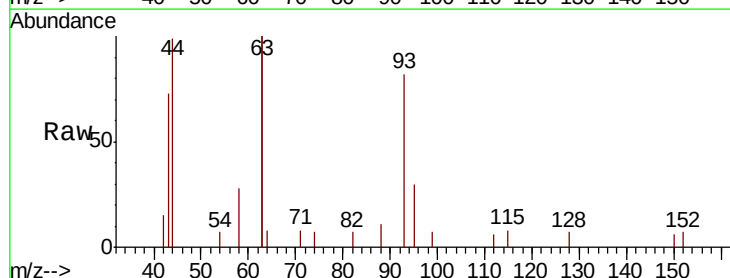
Tgt Ion: 93 Resp: 1117

Ion Ratio Lower Upper

93 100

63 258.4 208.8 313.2

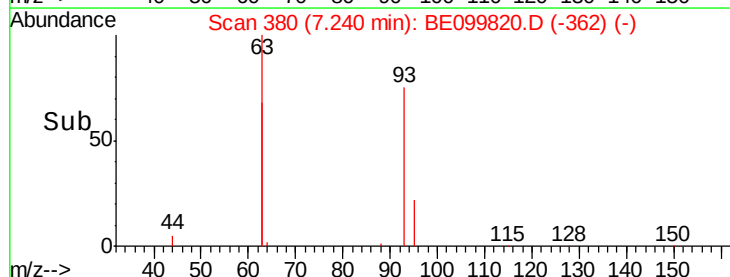
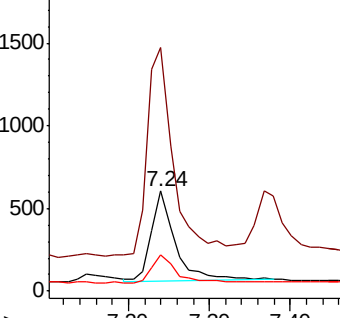
95 34.0 27.6 41.4

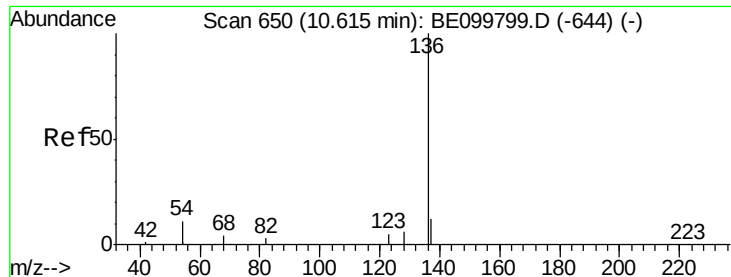


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.63 min Scan# 651

Delta R.T. 0.01 min

Lab File: BE099820.D

Acq: 6 Jun 2019 13:54

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20190604MS

Tgt Ion: 136 Resp: 3607

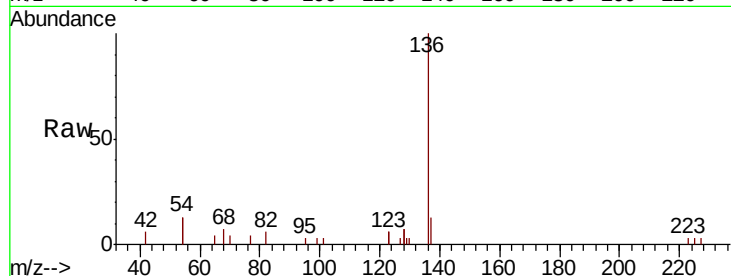
Ion Ratio Lower Upper

136 100

137 12.8 11.1 16.7

54 26.3 17.9 26.9

68 6.8 5.4 8.0

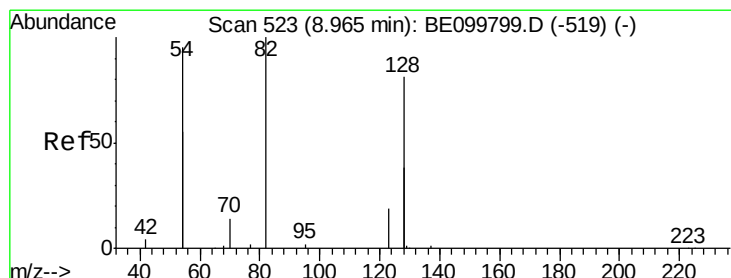
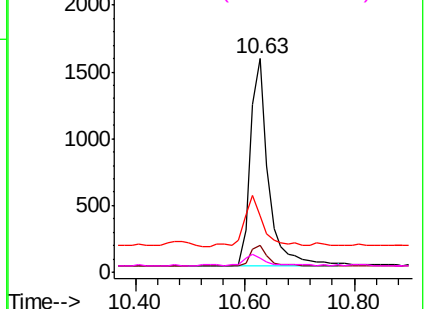
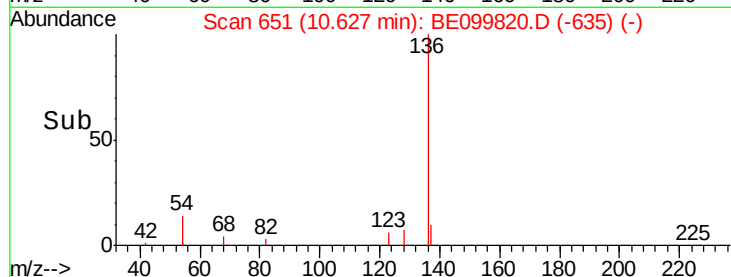


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.366 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099820.D

Acq: 6 Jun 2019 13:54

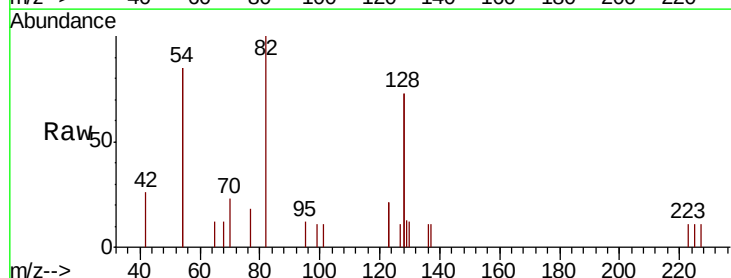
Tgt Ion: 82 Resp: 1159

Ion Ratio Lower Upper

82 100

128 146.7 116.6 175.0

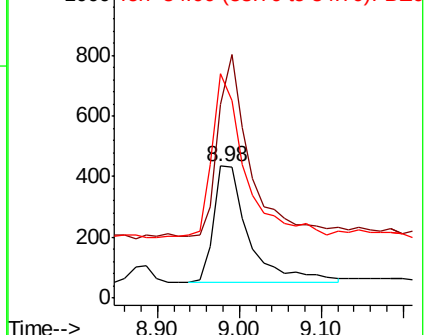
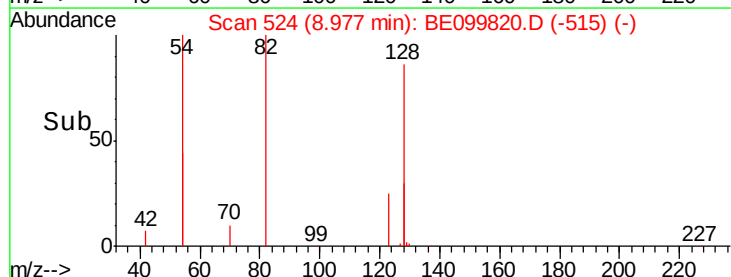
54 170.1 136.2 204.4

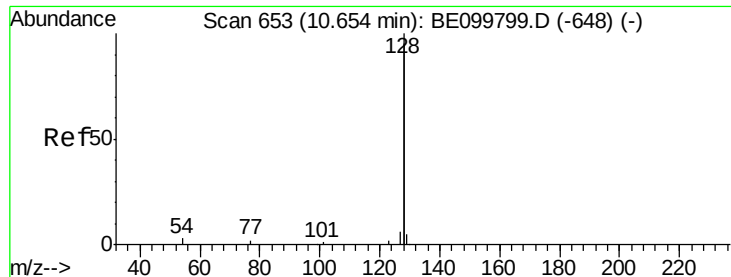


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.383 ng

RT: 10.68 min Scan# 655

Delta R.T. 0.03 min

Lab File: BE099820.D

Acq: 6 Jun 2019 13:54

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BNA_E

ClientSampleId :

BPS1-TT-MW304S-20190604MS

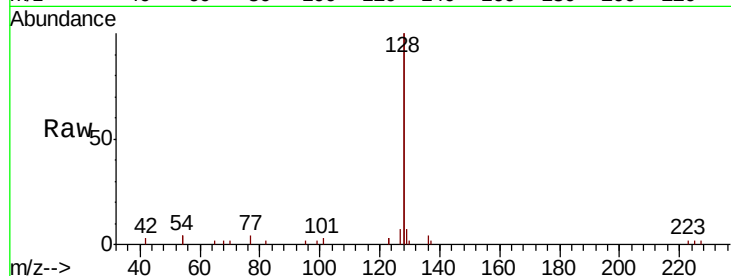
Tgt Ion:128 Resp: 14737

Ion Ratio Lower Upper

128 100

129 3.4 2.6 4.0

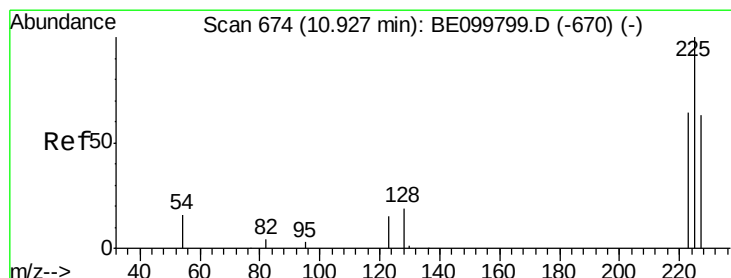
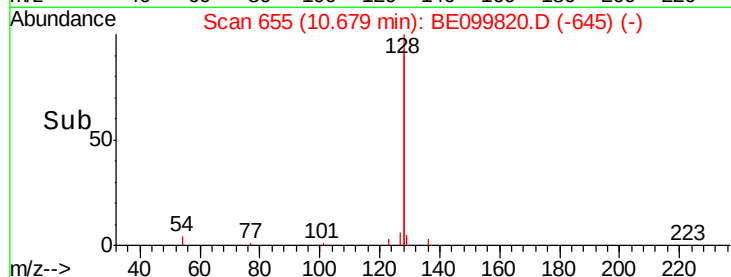
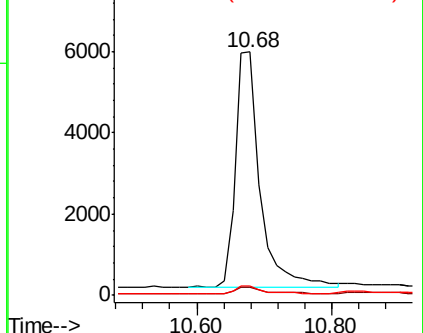
127 3.6 3.0 4.6



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

Hexachlorobutadiene

Concen: 0.325 ng

RT: 10.95 min Scan# 676

Delta R.T. 0.03 min

Lab File: BE099820.D

Acq: 6 Jun 2019 13:54

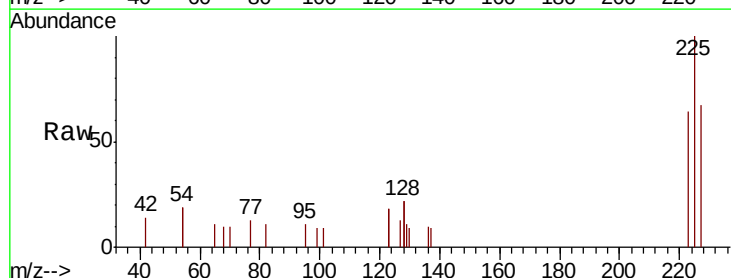
Tgt Ion:225 Resp: 952

Ion Ratio Lower Upper

225 100

223 65.7 48.6 72.8

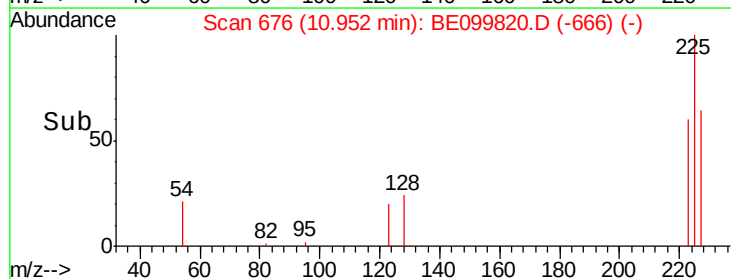
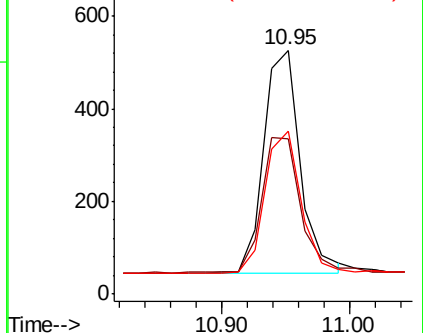
227 63.8 51.6 77.4

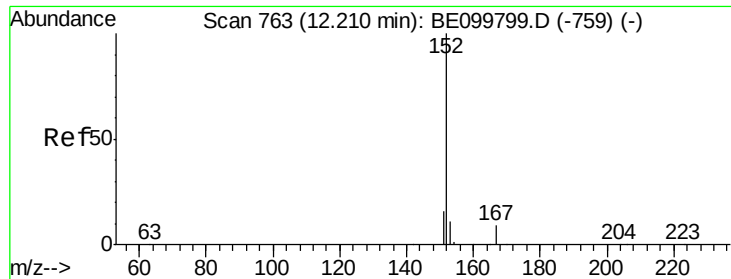


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

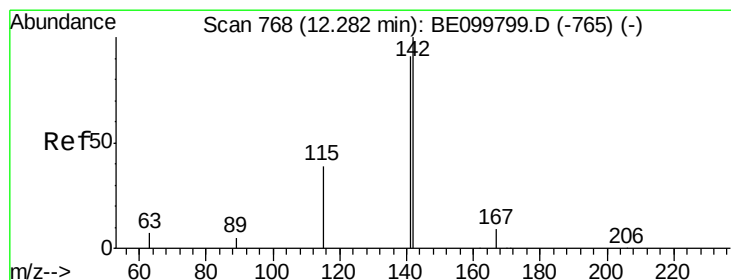
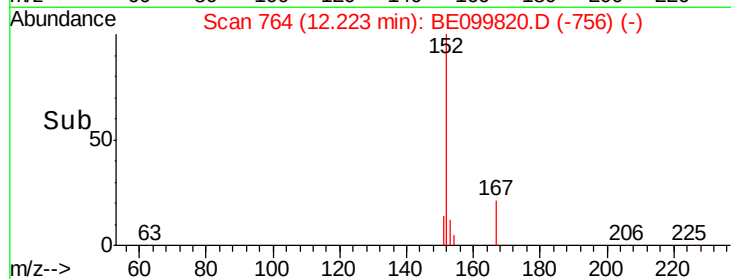
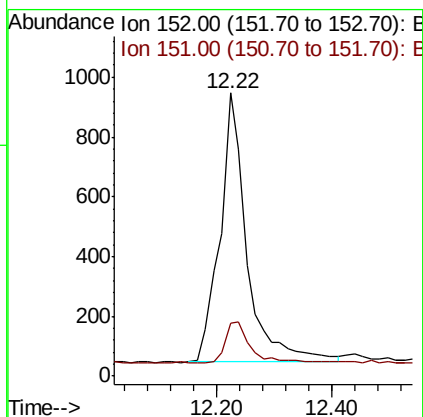
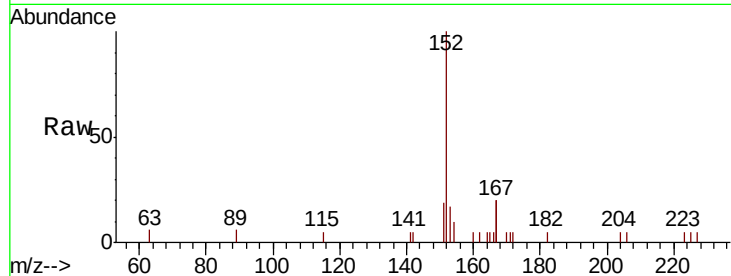




#11
2-Methylnaphthalene-d10
Concen: 0.469 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.01 min
Lab File: BE099820.D
Acq: 6 Jun 2019 13:54

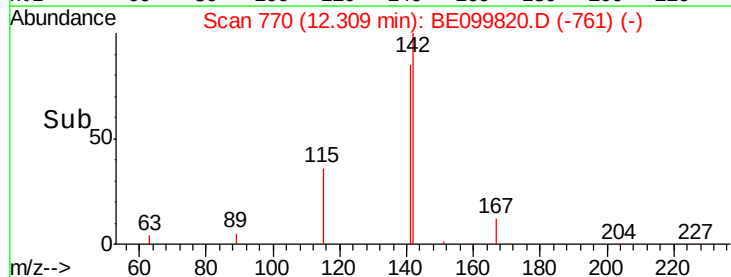
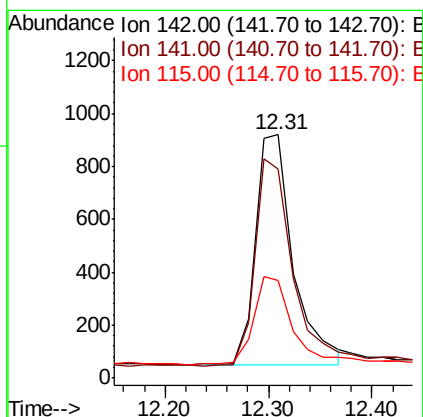
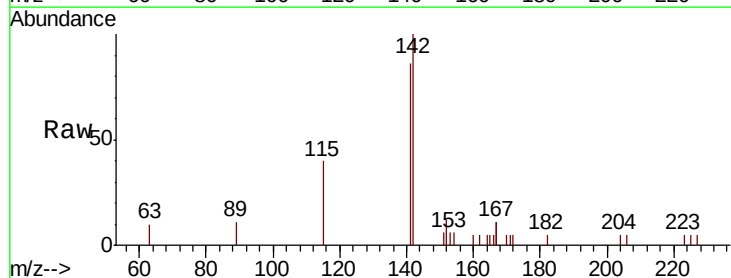
Instrument :
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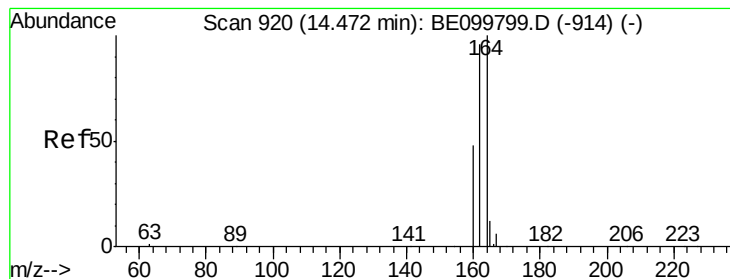
Tgt Ion:152 Resp: 2903
Ion Ratio Lower Upper
152 100
151 13.7 15.8 23.8#



#12
2-Methylnaphthalene
Concen: 0.360 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.03 min
Lab File: BE099820.D
Acq: 6 Jun 2019 13:54

Tgt Ion:142 Resp: 2211
Ion Ratio Lower Upper
142 100
141 85.7 73.3 109.9
115 40.0 33.4 50.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.48 min Scan# 921

Delta R.T. 0.01 min

Lab File: BE099820.D

Acq: 6 Jun 2019 13:54

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20190604MS

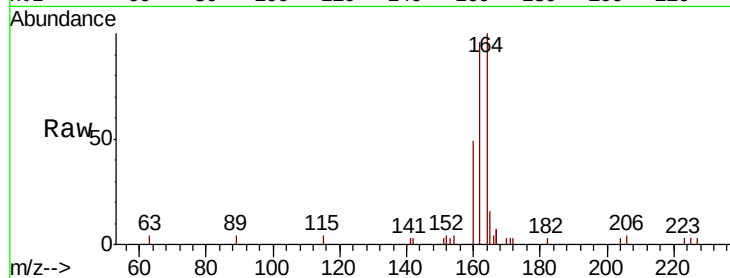
Tgt Ion:164 Resp: 2447

Ion Ratio Lower Upper

164 100

162 96.4 77.2 115.8

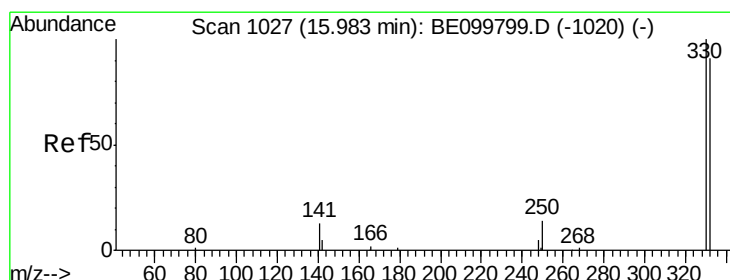
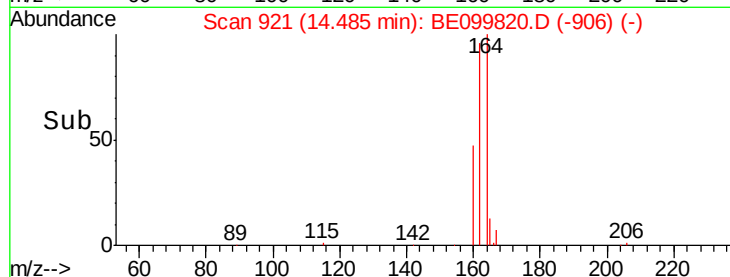
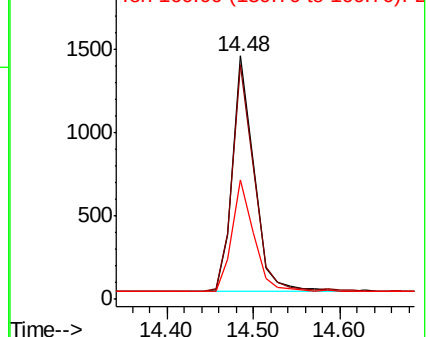
160 48.9 39.4 59.2



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: 0.421 ng

RT: 15.98 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE099820.D

Acq: 6 Jun 2019 13:54

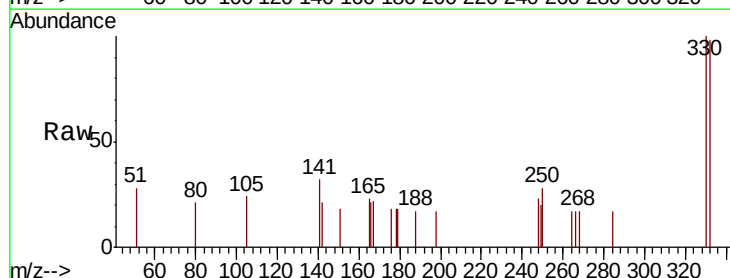
Tgt Ion:330 Resp: 536

Ion Ratio Lower Upper

330 100

332 91.4 74.9 112.3

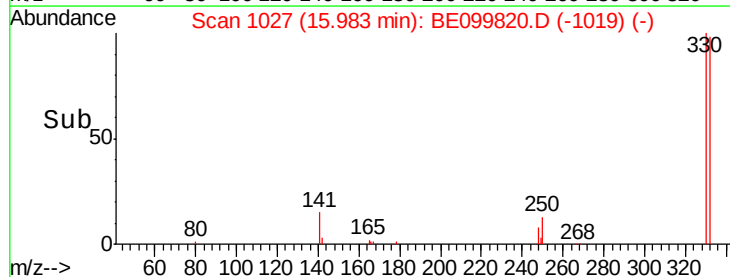
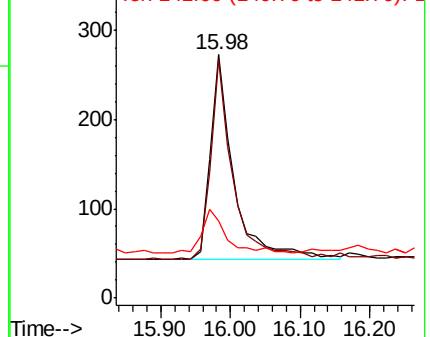
141 20.5 16.0 24.0

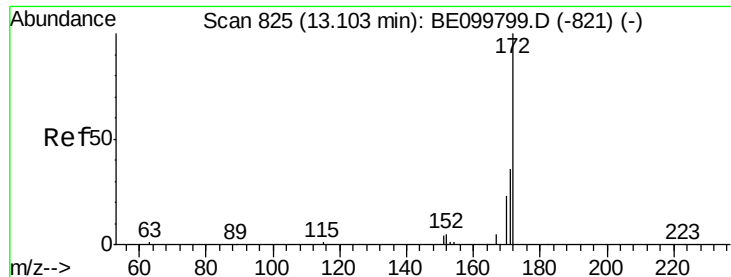


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

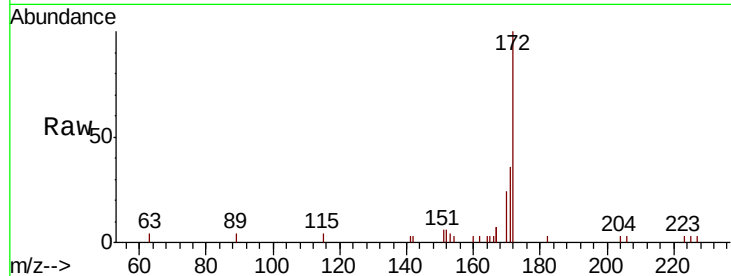




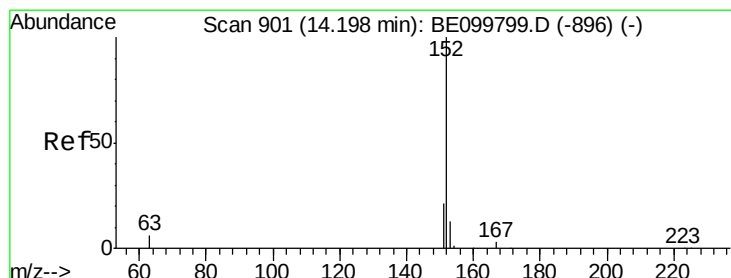
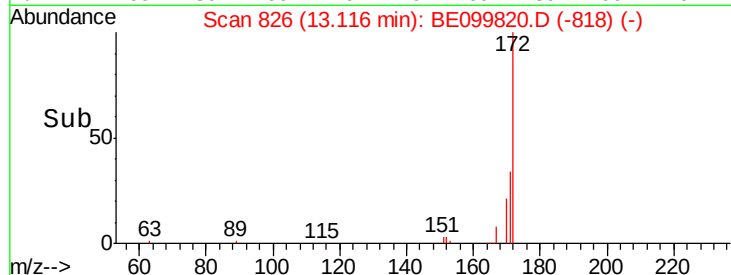
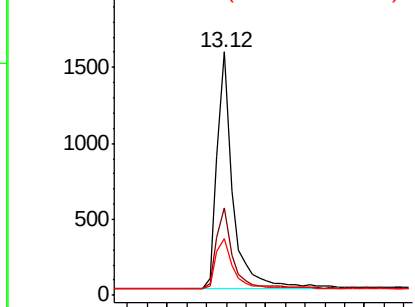
#15
2-Fluorobiphenyl
Concen: 0.379 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.01 min
Lab File: BE099820.D
Acq: 6 Jun 2019 13:54

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW304S-20190604MS

Tgt Ion:172 Resp: 3448
Ion Ratio Lower Upper
172 100
171 35.7 30.2 45.4
170 23.5 20.1 30.1

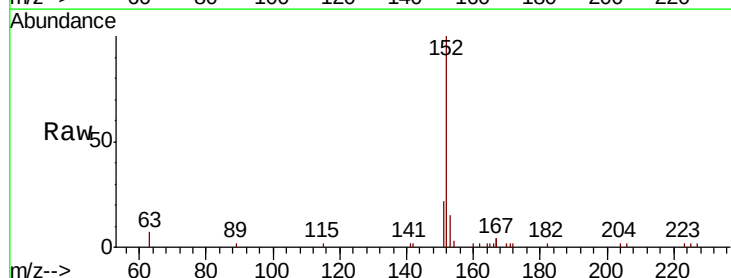


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

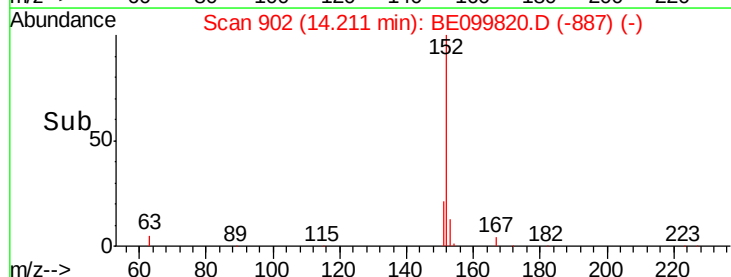
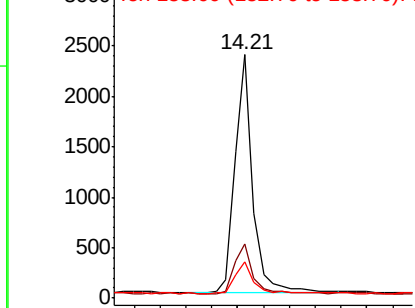


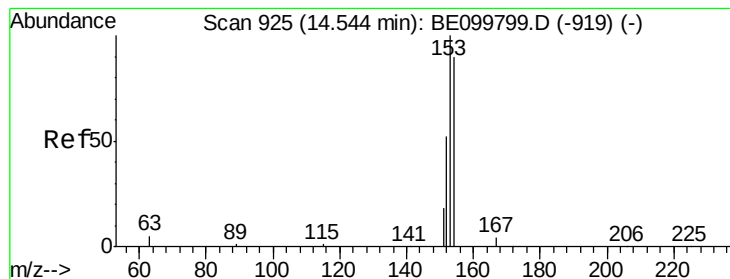
#16
Acenaphthylene
Concen: 0.379 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.01 min
Lab File: BE099820.D
Acq: 6 Jun 2019 13:54

Tgt Ion:152 Resp: 4476
Ion Ratio Lower Upper
152 100
151 21.3 15.9 23.9
153 13.2 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





#17

Acenaphthene

Concen: 0.390 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE099820.D

Acq: 6 Jun 2019 13:54

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20190604MS

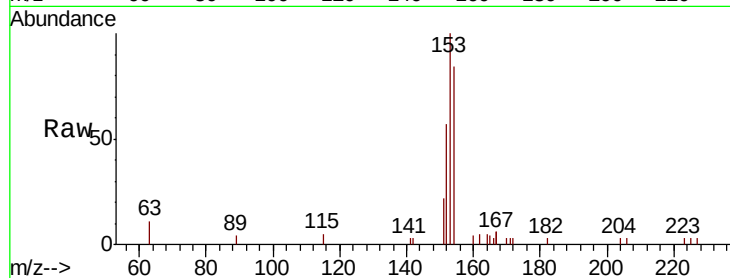
Tgt Ion:154 Resp: 2518

Ion Ratio Lower Upper

154 100

153 117.4 93.8 140.6

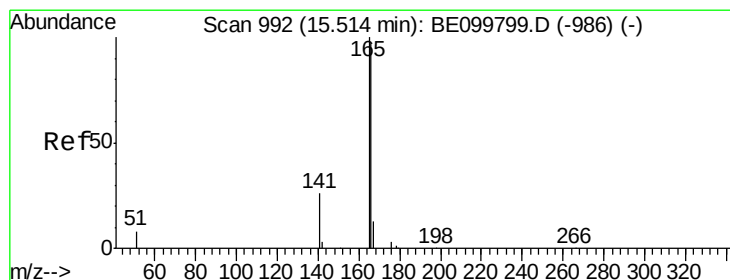
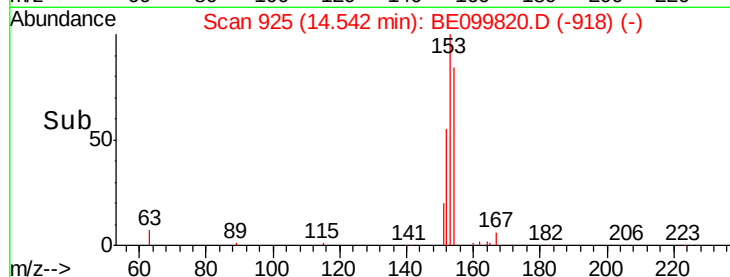
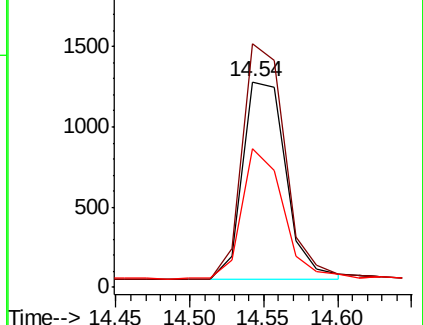
152 62.8 48.3 72.5



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: 0.395 ng

RT: 15.53 min Scan# 993

Delta R.T. 0.01 min

Lab File: BE099820.D

Acq: 6 Jun 2019 13:54

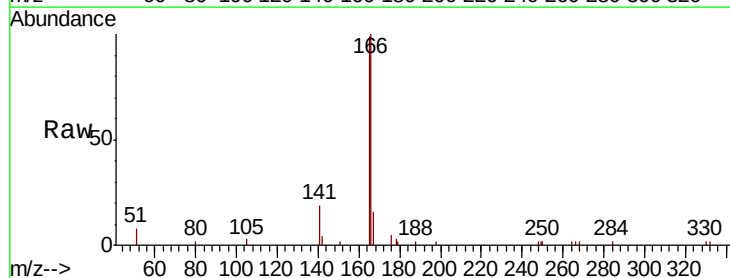
Tgt Ion:166 Resp: 3757

Ion Ratio Lower Upper

166 100

165 101.9 80.4 120.6

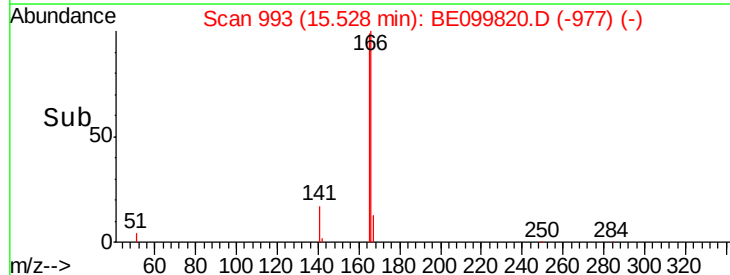
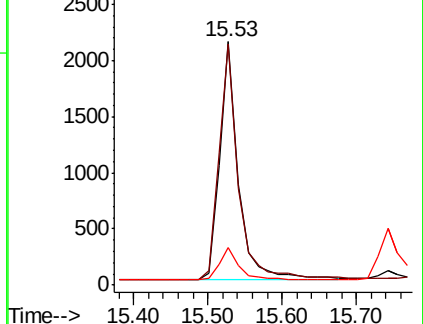
167 14.6 10.7 16.1

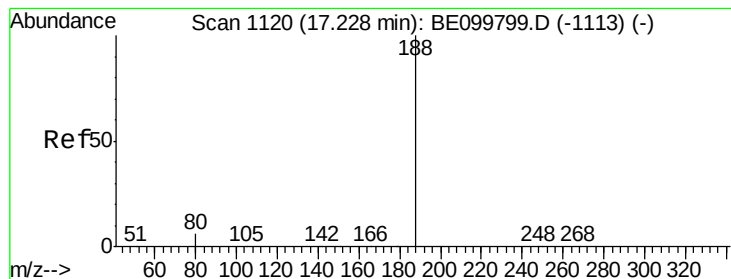


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099820.D

Acq: 6 Jun 2019 13:54

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20190604MS

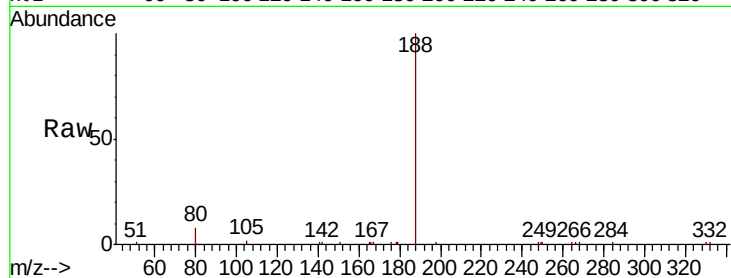
Tgt Ion:188 Resp: 8983

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

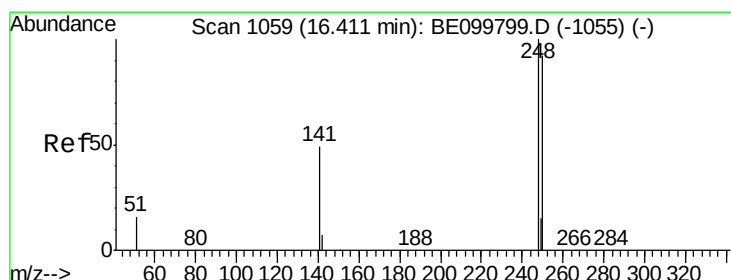
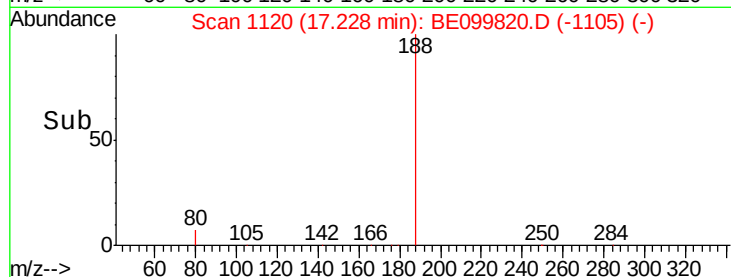
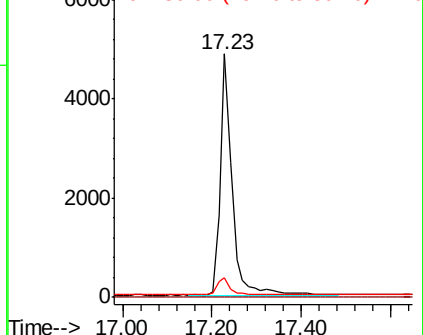
80 8.0 5.2 7.8#



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: 0.355 ng

RT: 16.42 min Scan# 1060

Delta R.T. 0.01 min

Lab File: BE099820.D

Acq: 6 Jun 2019 13:54

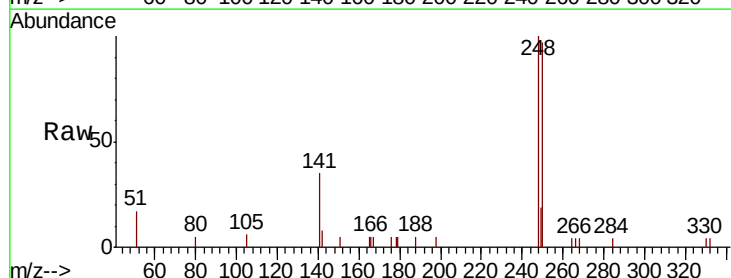
Tgt Ion:248 Resp: 1781

Ion Ratio Lower Upper

248 100

250 97.4 73.7 110.5

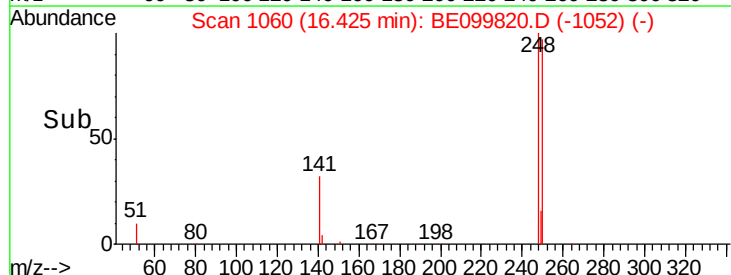
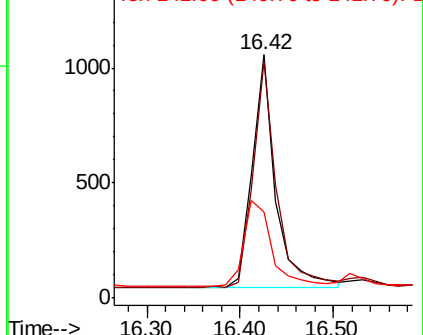
141 35.2 40.9 61.3#

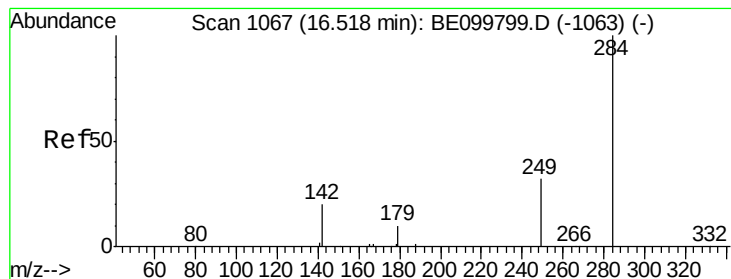


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.344 ng

RT: 16.53 min Scan# 1068

Delta R.T. 0.01 min

Lab File: BE099820.D

Acq: 6 Jun 2019 13:54

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20190604MS

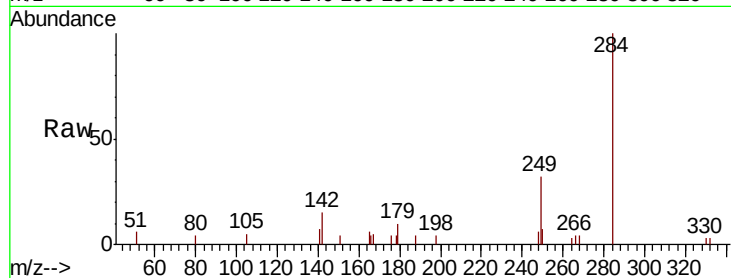
Tgt Ion:284 Resp: 1889

Ion Ratio Lower Upper

284 100

142 22.2 16.2 24.4

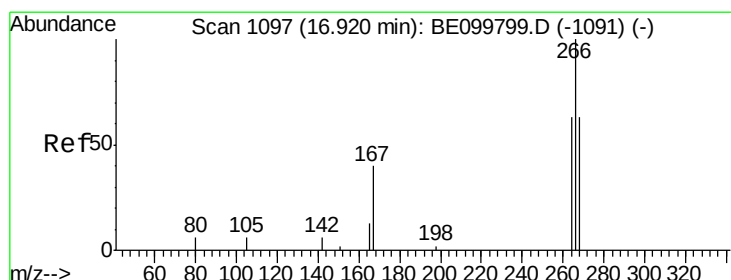
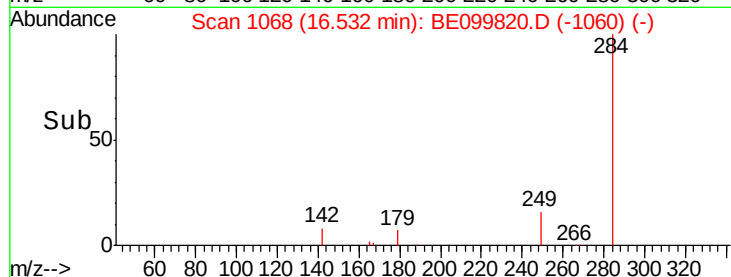
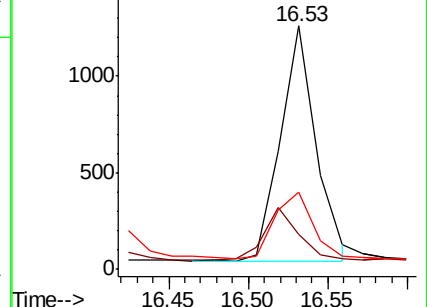
249 30.8 23.1 34.7



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: 0.903 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.03 min

Lab File: BE099820.D

Acq: 6 Jun 2019 13:54

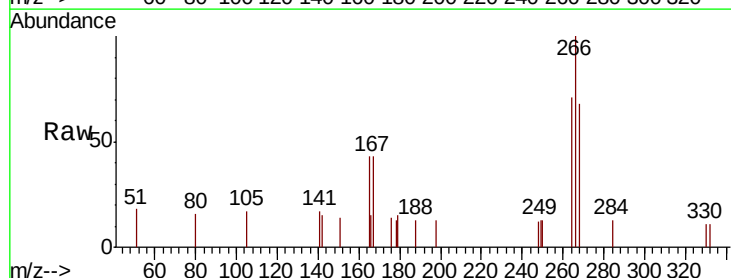
Tgt Ion:266 Resp: 1125

Ion Ratio Lower Upper

266 100

264 71.0 64.9 97.3

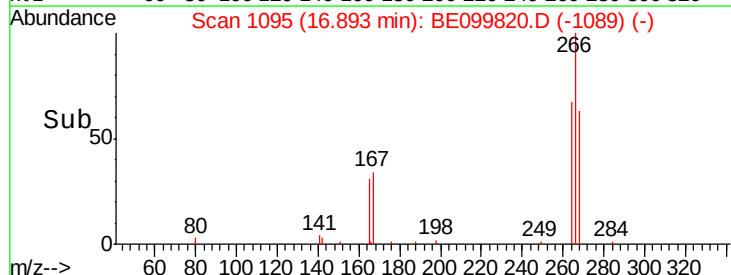
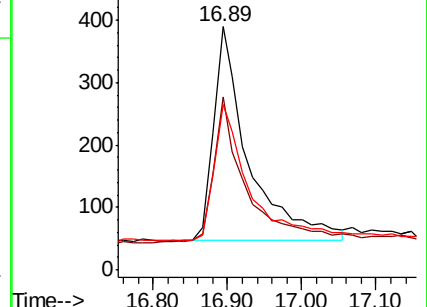
268 67.9 64.0 96.0

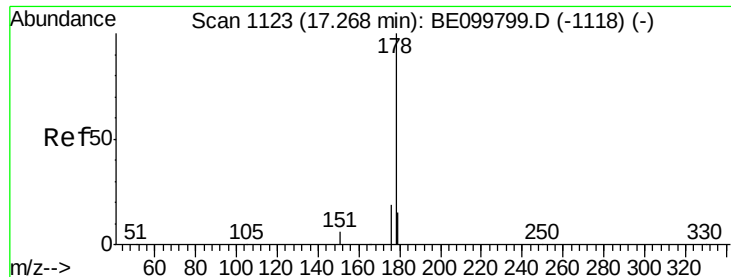


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.388 ng

RT: 17.27 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BE099820.D

Acq: 6 Jun 2019 13:54

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20190604MS

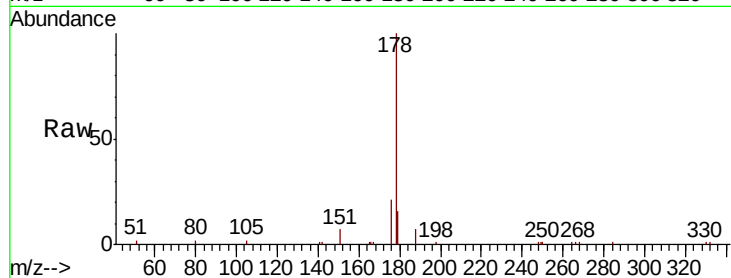
Tgt Ion:178 Resp: 8328

Ion Ratio Lower Upper

178 100

176 19.9 15.4 23.0

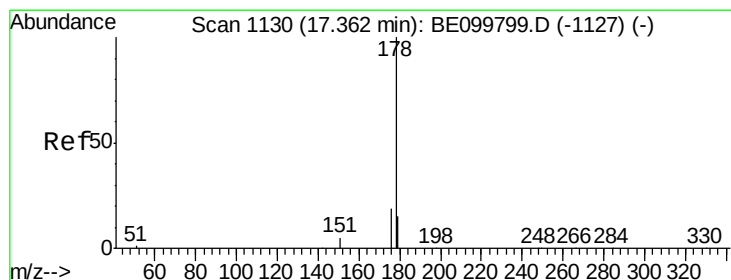
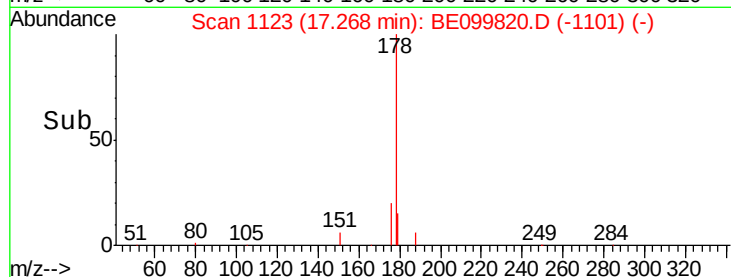
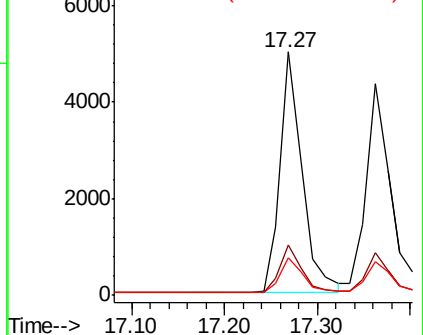
179 16.4 12.5 18.7



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: 0.378 ng

RT: 17.36 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BE099820.D

Acq: 6 Jun 2019 13:54

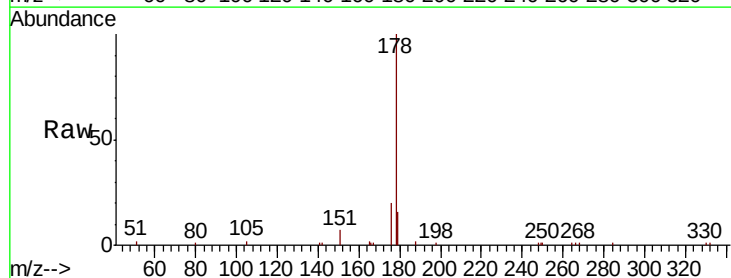
Tgt Ion:178 Resp: 7320

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

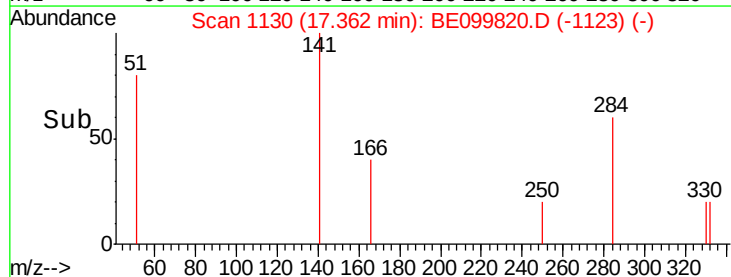
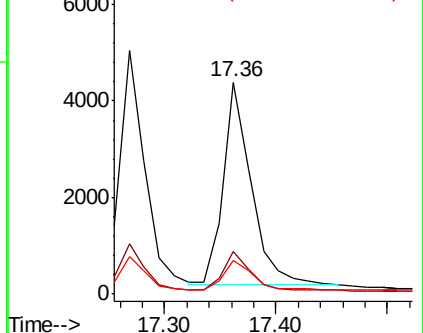
179 15.5 12.1 18.1

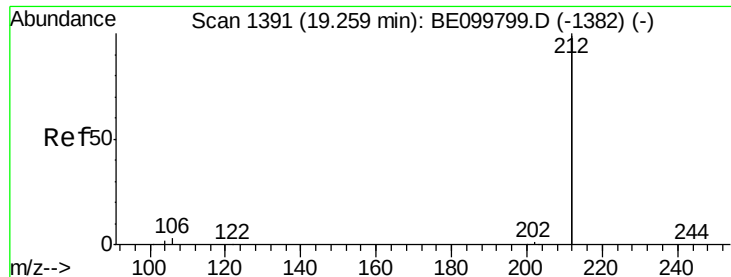


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.407 ng

RT: 19.26 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BE099820.D

Acq: 6 Jun 2019 13:54

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20190604MS

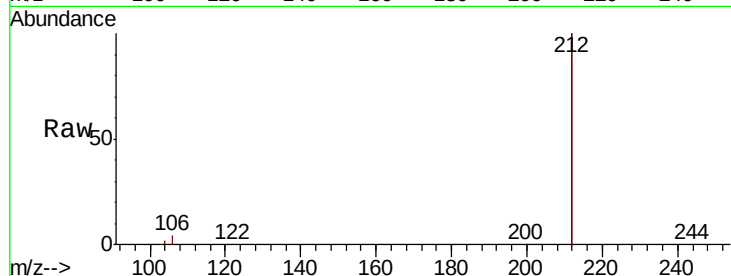
Tgt Ion:212 Resp: 54292

Ion Ratio Lower Upper

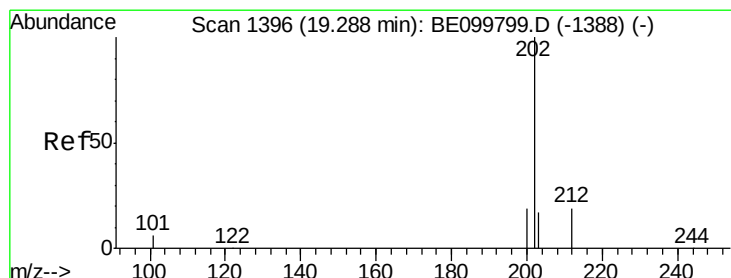
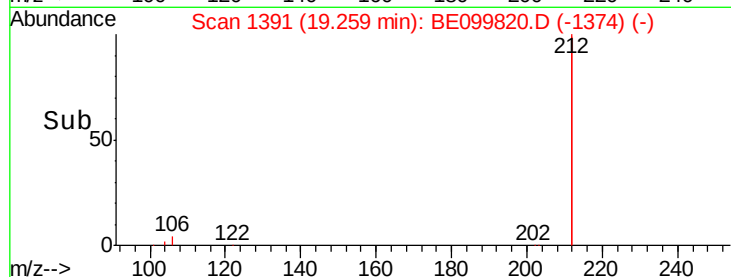
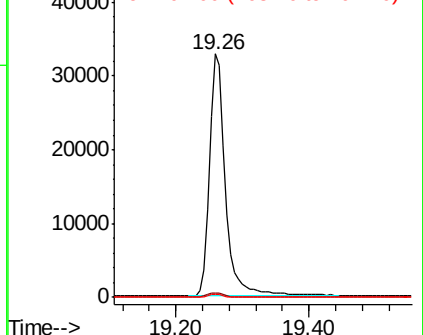
212 100

106 1.9 1.4 2.0

104 1.0 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: 0.434 ng

RT: 19.29 min Scan# 1397

Delta R.T. 0.01 min

Lab File: BE099820.D

Acq: 6 Jun 2019 13:54

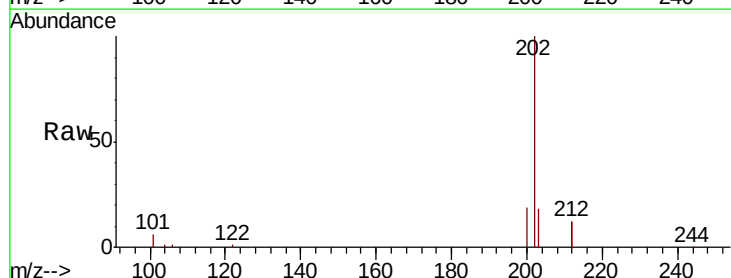
Tgt Ion:202 Resp: 16322

Ion Ratio Lower Upper

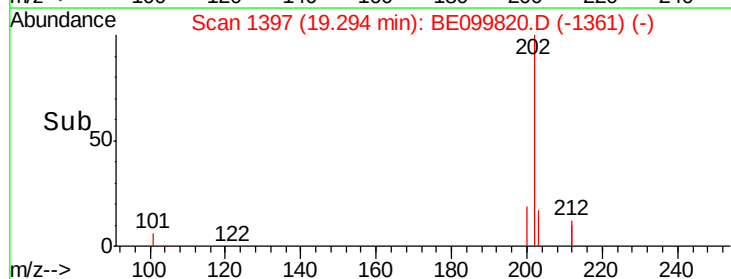
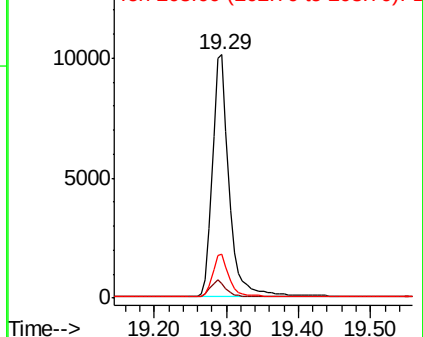
202 100

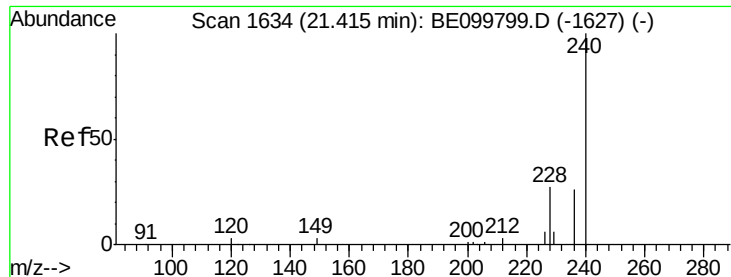
101 6.7 5.2 7.8

203 17.0 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

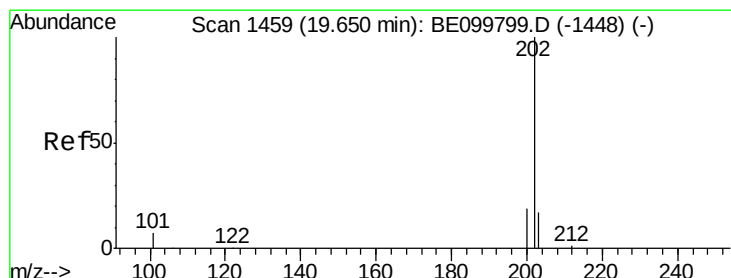
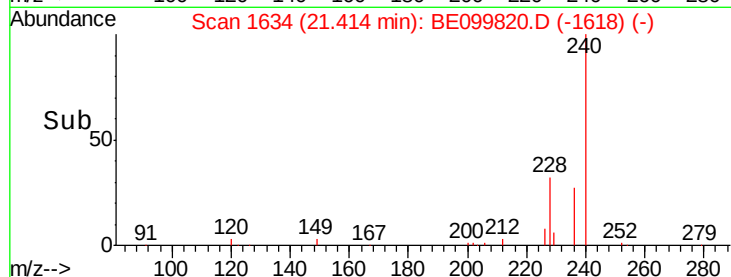
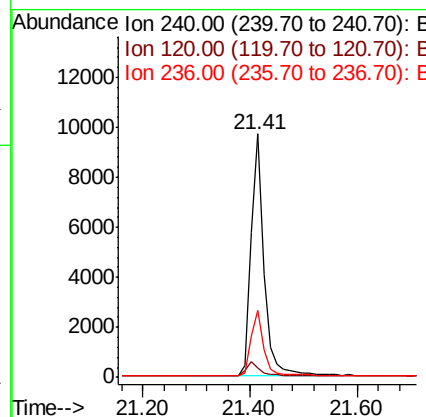
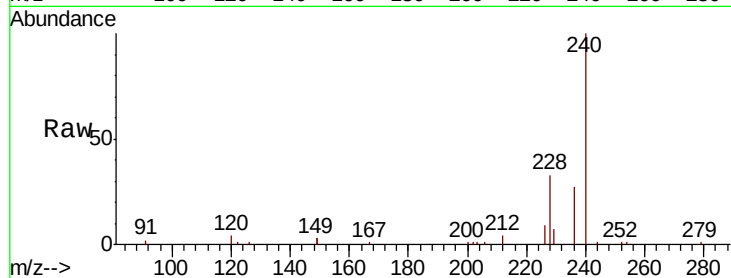




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE099820.D
Acq: 6 Jun 2019 13:54

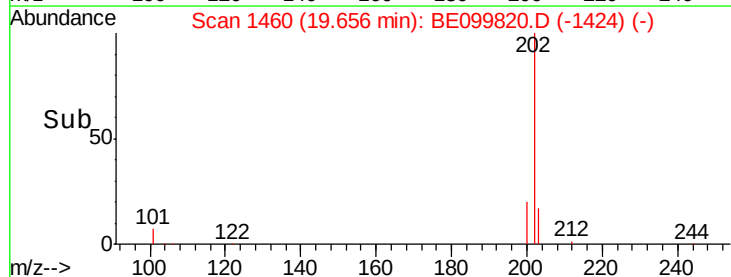
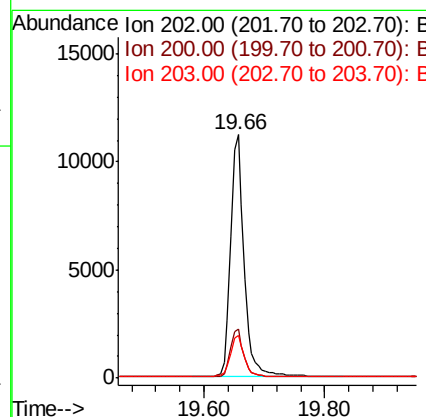
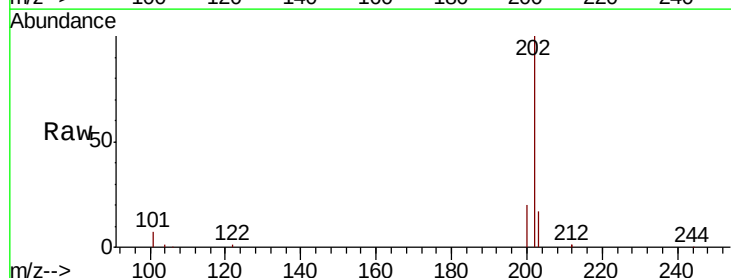
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW304S-20190604MS

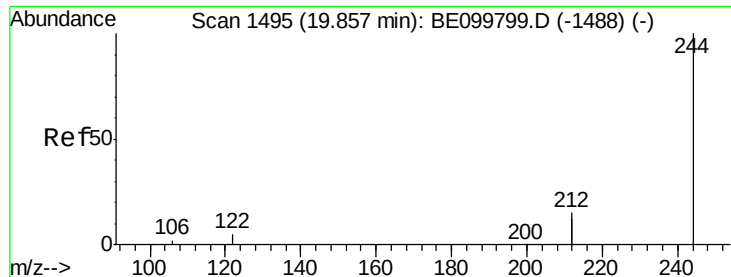
Tgt Ion:240 Resp: 16509
Ion Ratio Lower Upper
240 100
120 4.1 2.8 4.2
236 27.3 20.9 31.3



#28
Pyrene
Concen: 0.437 ng
RT: 19.66 min Scan# 1460
Delta R.T. 0.01 min
Lab File: BE099820.D
Acq: 6 Jun 2019 13:54

Tgt Ion:202 Resp: 17444
Ion Ratio Lower Upper
202 100
200 19.5 15.6 23.4
203 17.9 14.1 21.1





#29

Terphenyl-d14

Concen: 0.488 ng

RT: 19.86 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BE099820.D

Acq: 6 Jun 2019 13:54

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20190604MS

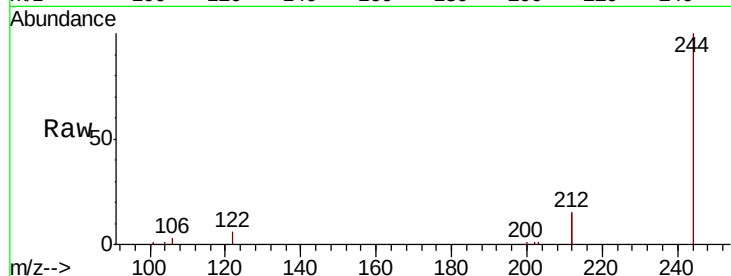
Tgt Ion:244 Resp: 13203

Ion Ratio Lower Upper

244 100

212 29.9 23.7 35.5

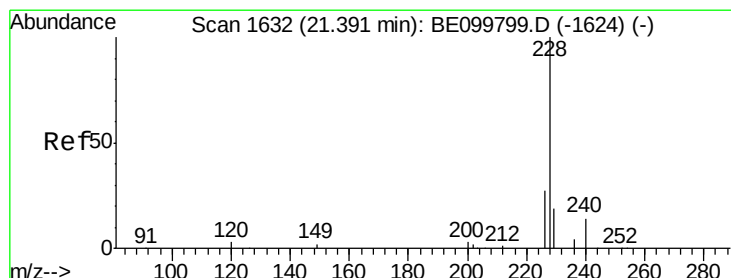
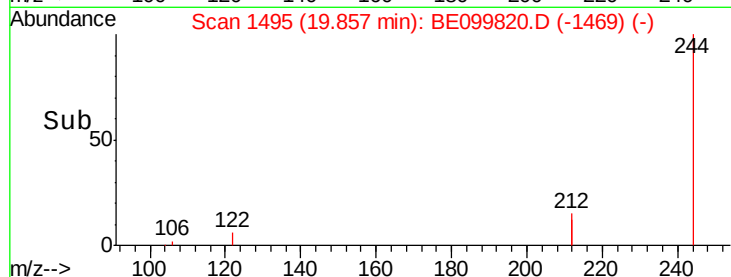
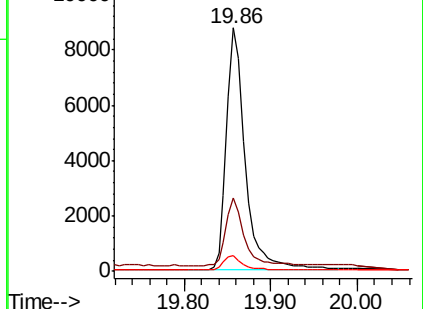
122 6.3 4.8 7.2



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: 0.461 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE099820.D

Acq: 6 Jun 2019 13:54

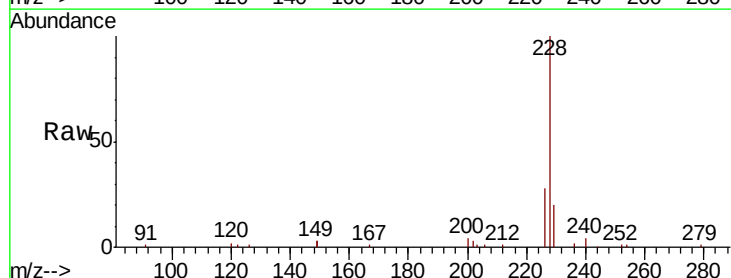
Tgt Ion:228 Resp: 21045

Ion Ratio Lower Upper

228 100

226 27.7 21.6 32.4

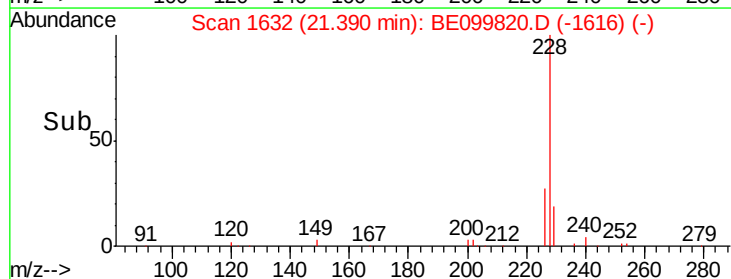
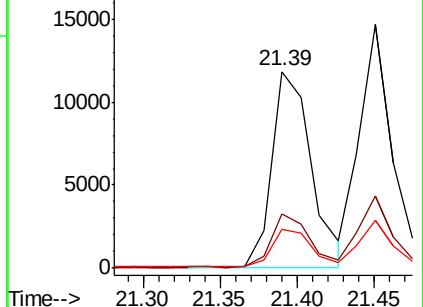
229 19.6 15.8 23.6

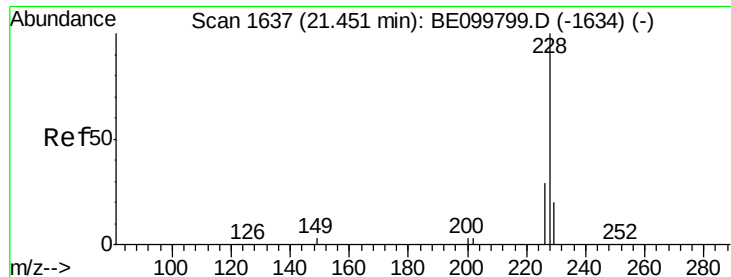


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.429 ng

RT: 21.45 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BE099820.D

Acq: 6 Jun 2019 13:54

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20190604MS

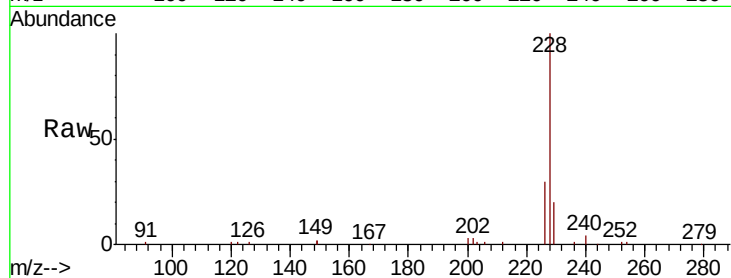
Tgt Ion:228 Resp: 21624

Ion Ratio Lower Upper

228 100

226 29.5 22.9 34.3

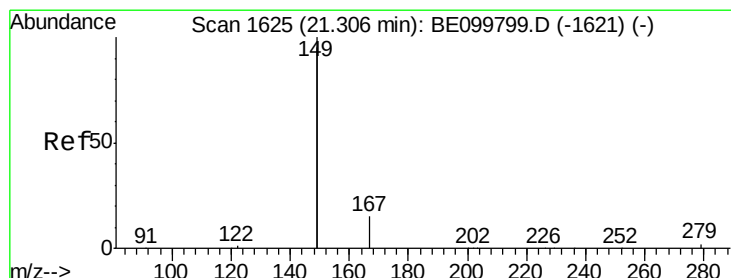
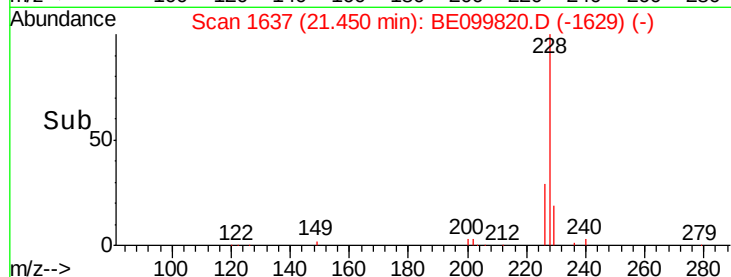
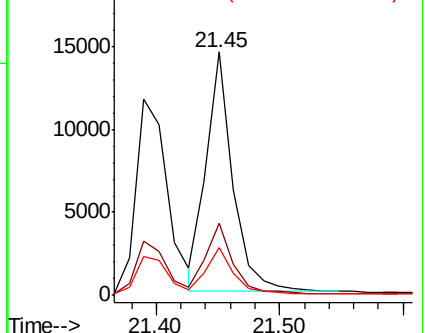
229 19.7 16.4 24.6



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: 0.459 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE099820.D

Acq: 6 Jun 2019 13:54

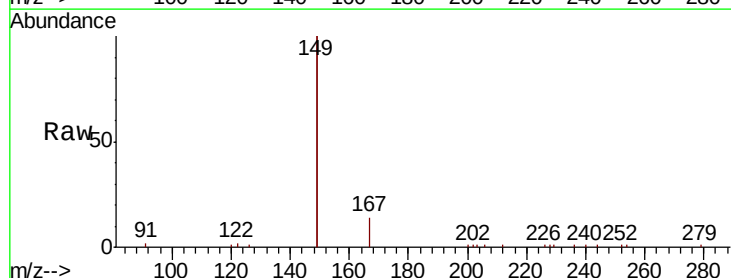
Tgt Ion:149 Resp: 24048

Ion Ratio Lower Upper

149 100

167 7.4 6.0 9.0

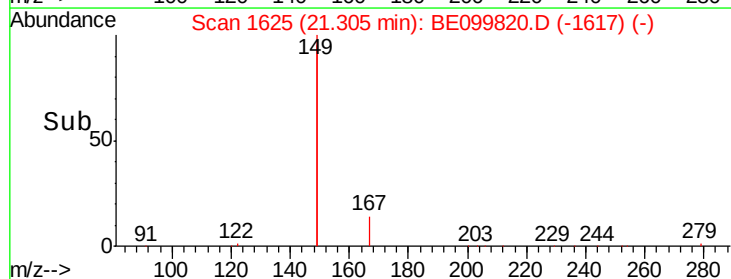
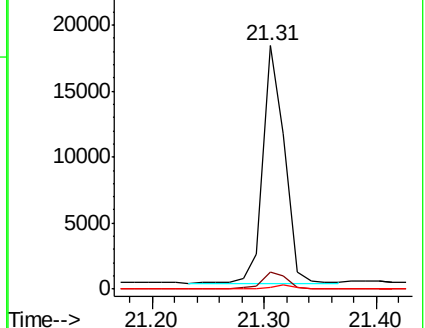
279 1.5 1.2 1.8

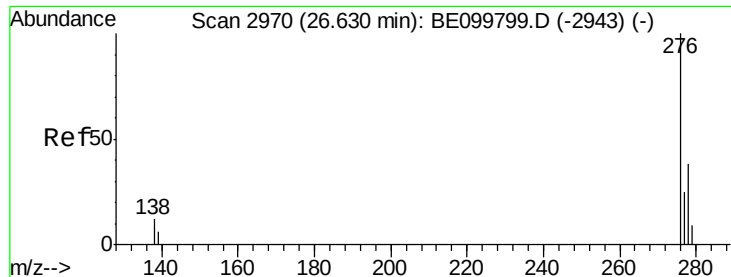


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.396 ng

RT: 26.64 min Scan# 2973

Delta R.T. 0.01 min

Lab File: BE099820.D

Acq: 6 Jun 2019 13:54

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20190604MS

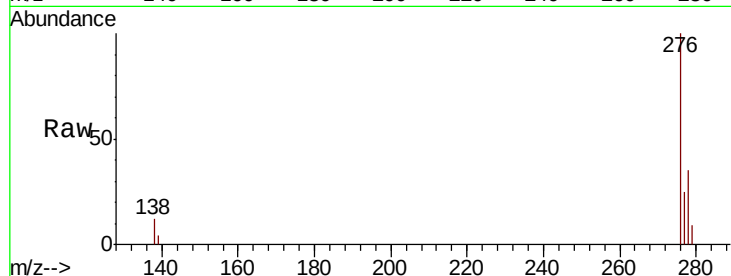
Tgt Ion:276 Resp: 23890

Ion Ratio Lower Upper

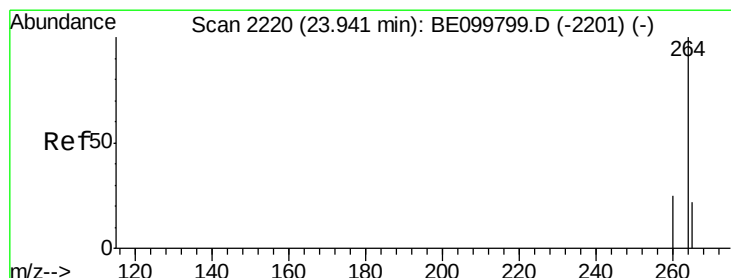
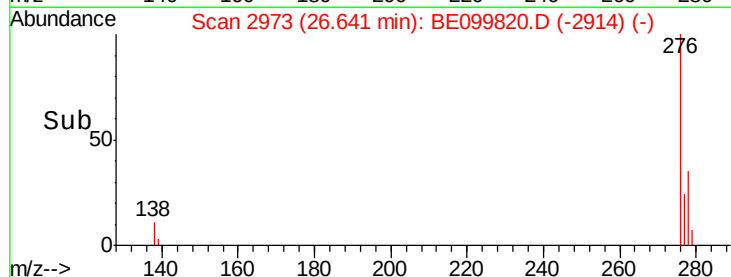
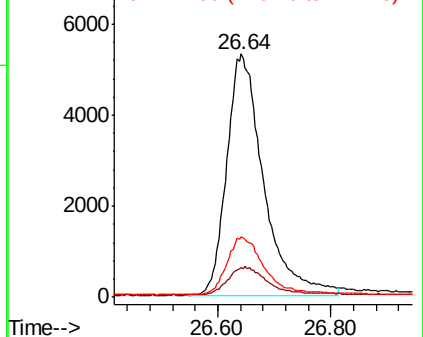
276 100

138 12.4 10.3 15.5

277 24.1 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: 23.95 min Scan# 2223

Delta R.T. 0.01 min

Lab File: BE099820.D

Acq: 6 Jun 2019 13:54

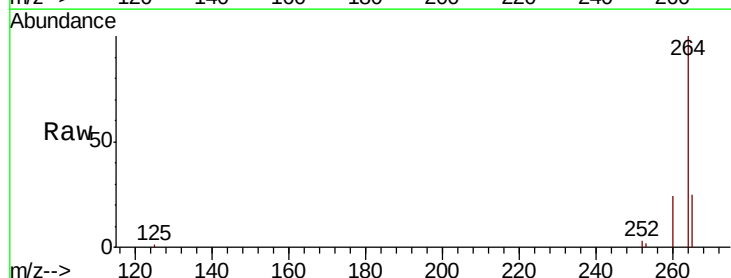
Tgt Ion:264 Resp: 18561

Ion Ratio Lower Upper

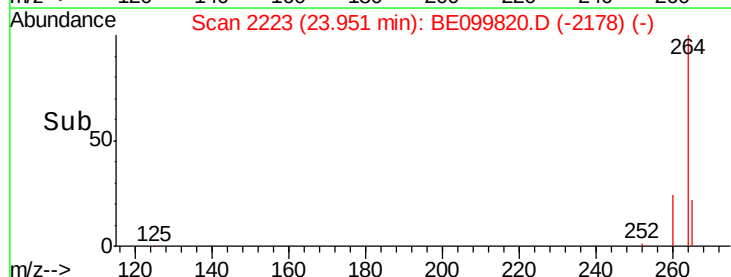
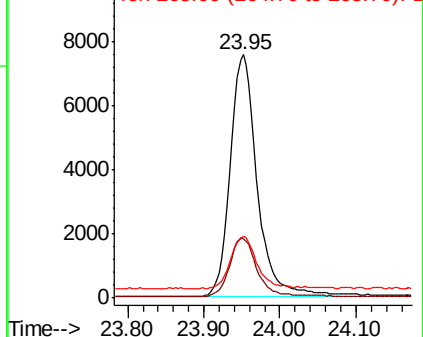
264 100

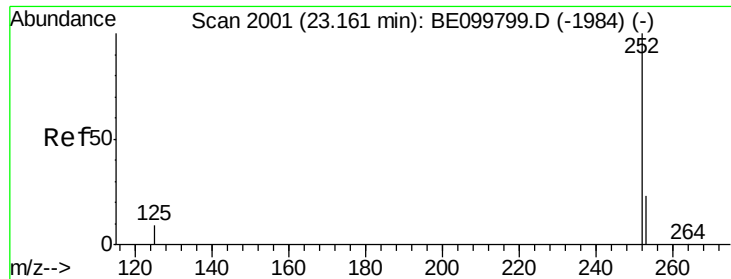
260 24.5 20.0 30.0

265 25.3 20.7 31.1



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.407 ng

RT: 23.16 min Scan# 2002

Delta R.T. 0.00 min

Lab File: BE099820.D

Acq: 6 Jun 2019 13:54

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20190604MS

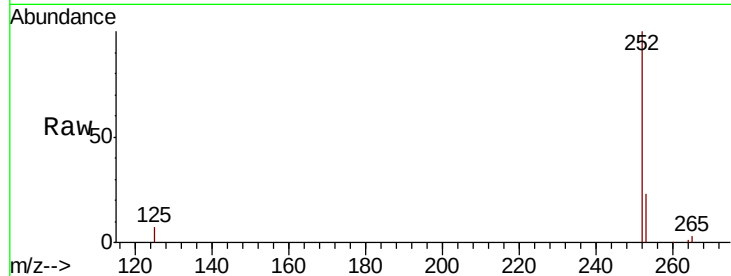
Tgt Ion:252 Resp: 20911

Ion Ratio Lower Upper

252 100

253 22.8 18.9 28.3

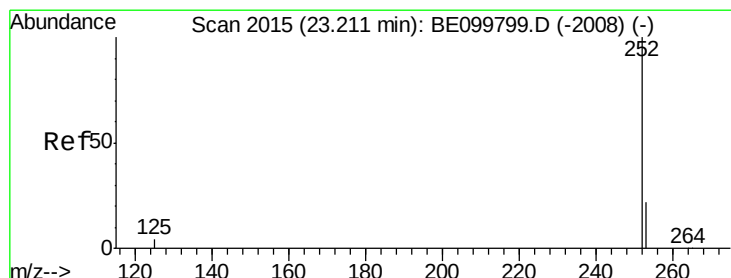
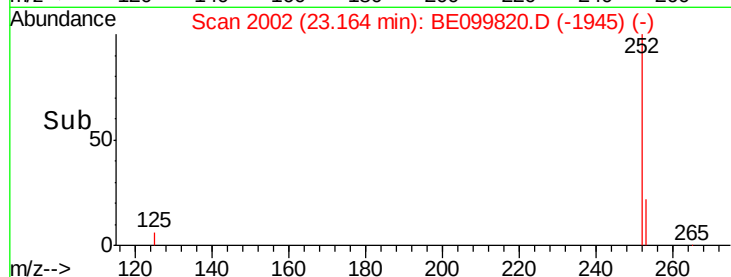
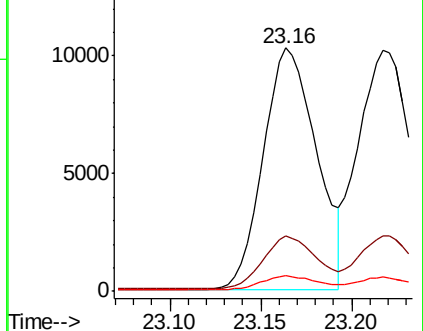
125 6.6 7.6 11.4#



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: 0.427 ng

RT: 23.22 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BE099820.D

Acq: 6 Jun 2019 13:54

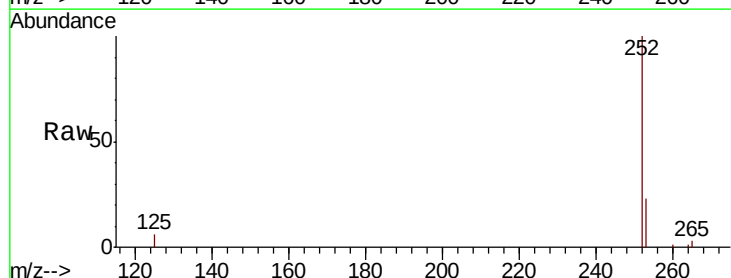
Tgt Ion:252 Resp: 23286

Ion Ratio Lower Upper

252 100

253 22.8 18.4 27.6

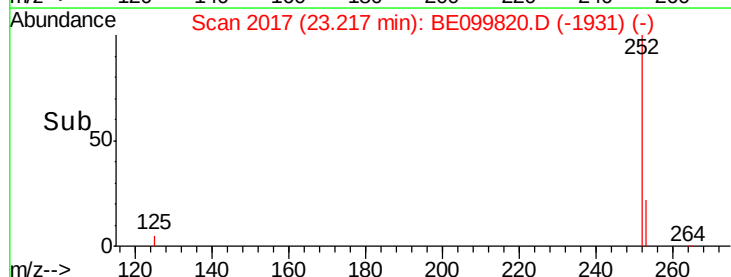
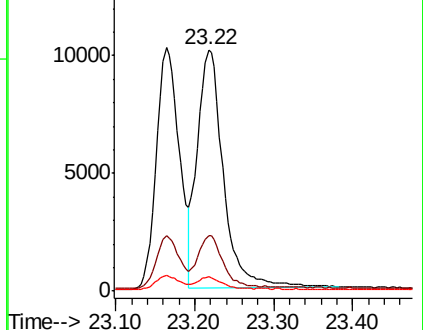
125 5.8 4.6 7.0

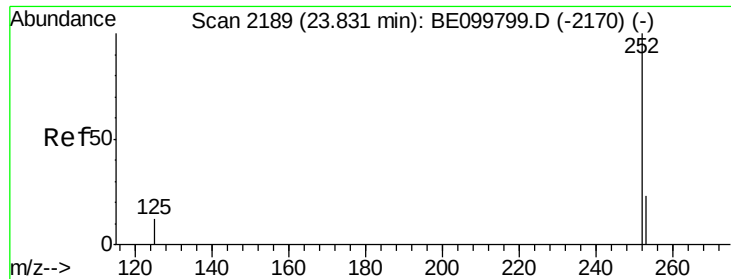


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.401 ng

RT: 23.84 min Scan# 2191

Delta R.T. 0.01 min

Lab File: BE099820.D

Acq: 6 Jun 2019 13:54

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20190604MS

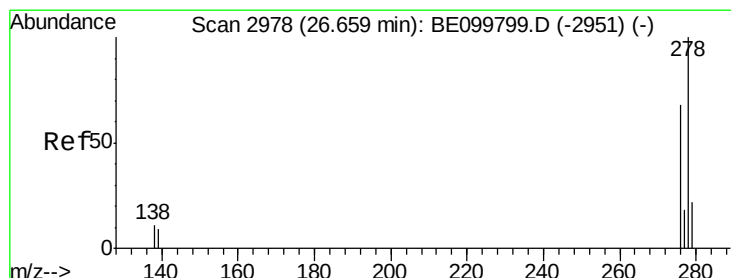
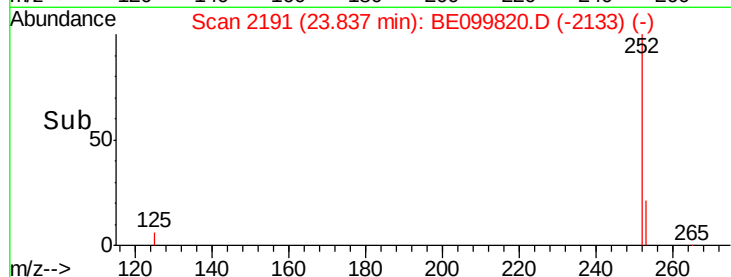
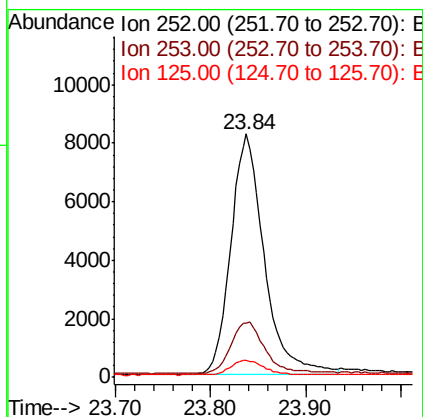
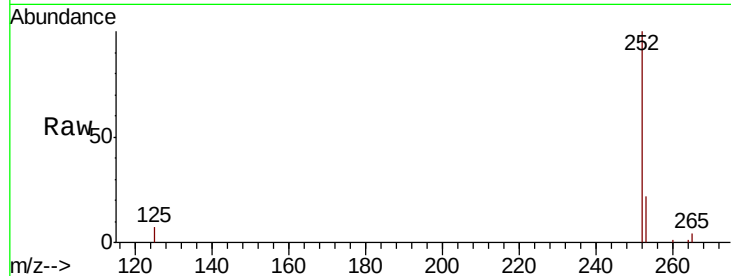
Tgt Ion:252 Resp: 19988

Ion Ratio Lower Upper

252 100

253 22.1 19.3 28.9

125 6.9 10.2 15.4#



#38

Dibenzo(a,h)anthracene

Concen: 0.371 ng

RT: 26.67 min Scan# 2981

Delta R.T. 0.01 min

Lab File: BE099820.D

Acq: 6 Jun 2019 13:54

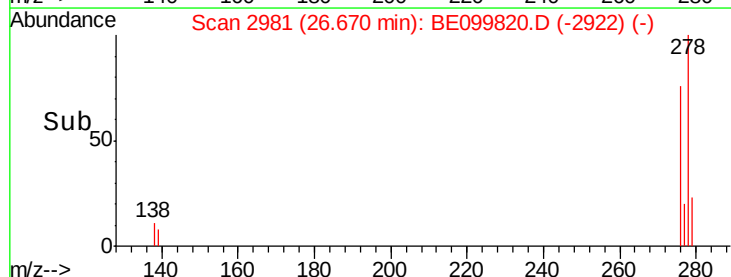
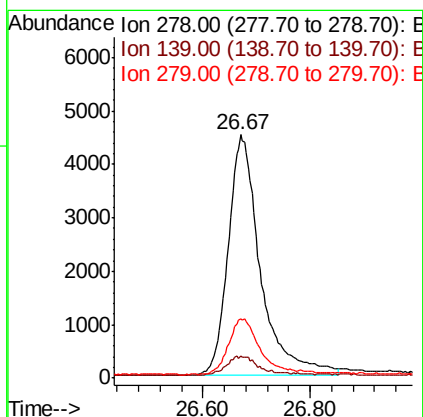
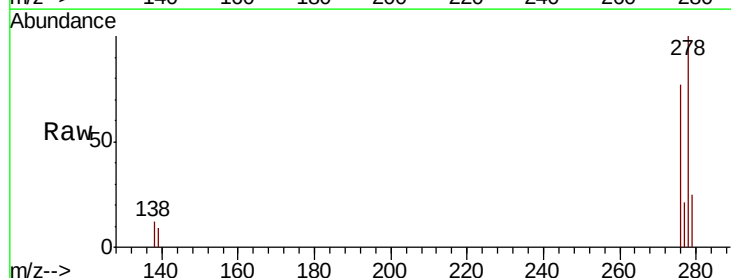
Tgt Ion:278 Resp: 18822

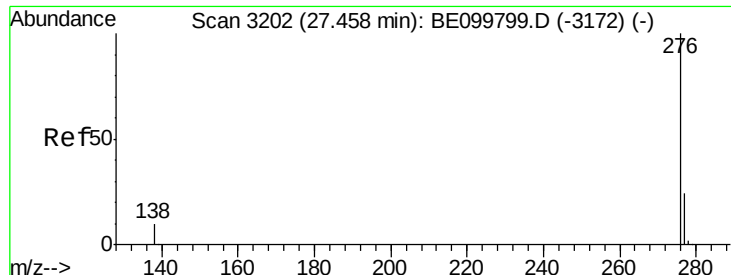
Ion Ratio Lower Upper

278 100

139 9.1 7.9 11.9

279 24.6 18.5 27.7





#39

Benzo(g,h,i)perylene

Concen: 0.397 ng

RT: 27.47 min Scan# 3205

Delta R.T. 0.01 min

Lab File: BE099820.D

Acq: 6 Jun 2019 13:54

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20190604MS

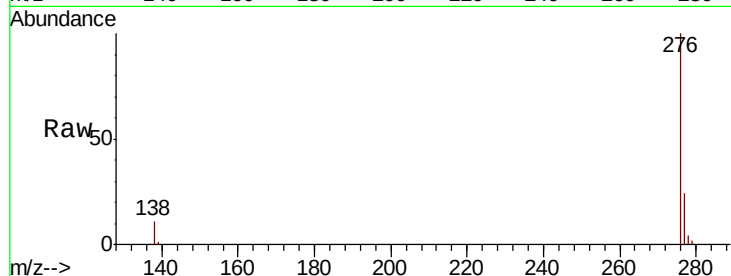
Tgt Ion: 276 Resp: 21143

Ion Ratio Lower Upper

276 100

277 24.4 19.6 29.4

138 10.8 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

