

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060619\
 Data File : BE099821.D
 Acq On : 6 Jun 2019 14:45
 Operator : JU/SJ
 Sample : K3190-17MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jun 07 02:05:52 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	1049	0.40	ng	0.01
7) Naphthalene-d8	10.63	136	3516	0.40	ng	0.01
13) Acenaphthene-d10	14.48	164	2435	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	9106	0.40	ng	0.00
27) Chrysene-d12	21.41	240	16417	0.40	ng	0.00
34) Perylene-d12	23.95	264	18741	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	485	0.19	ng	0.01
5) Phenol-d6	6.99	99	355	0.11	ng	0.03
8) Nitrobenzene-d5	8.98	82	1144	0.37	ng	0.01
11) 2-Methylnaphthalene-d10	12.22	152	2828	0.47	ng	0.01
14) 2,4,6-Tribromophenol	15.98	330	533	0.42	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	3323	0.37	ng	0.01
25) Fluoranthene-d10	19.26	212	53943	0.40	ng	0.00
29) Terphenyl-d14	19.86	244	13015	0.48	ng	0.00

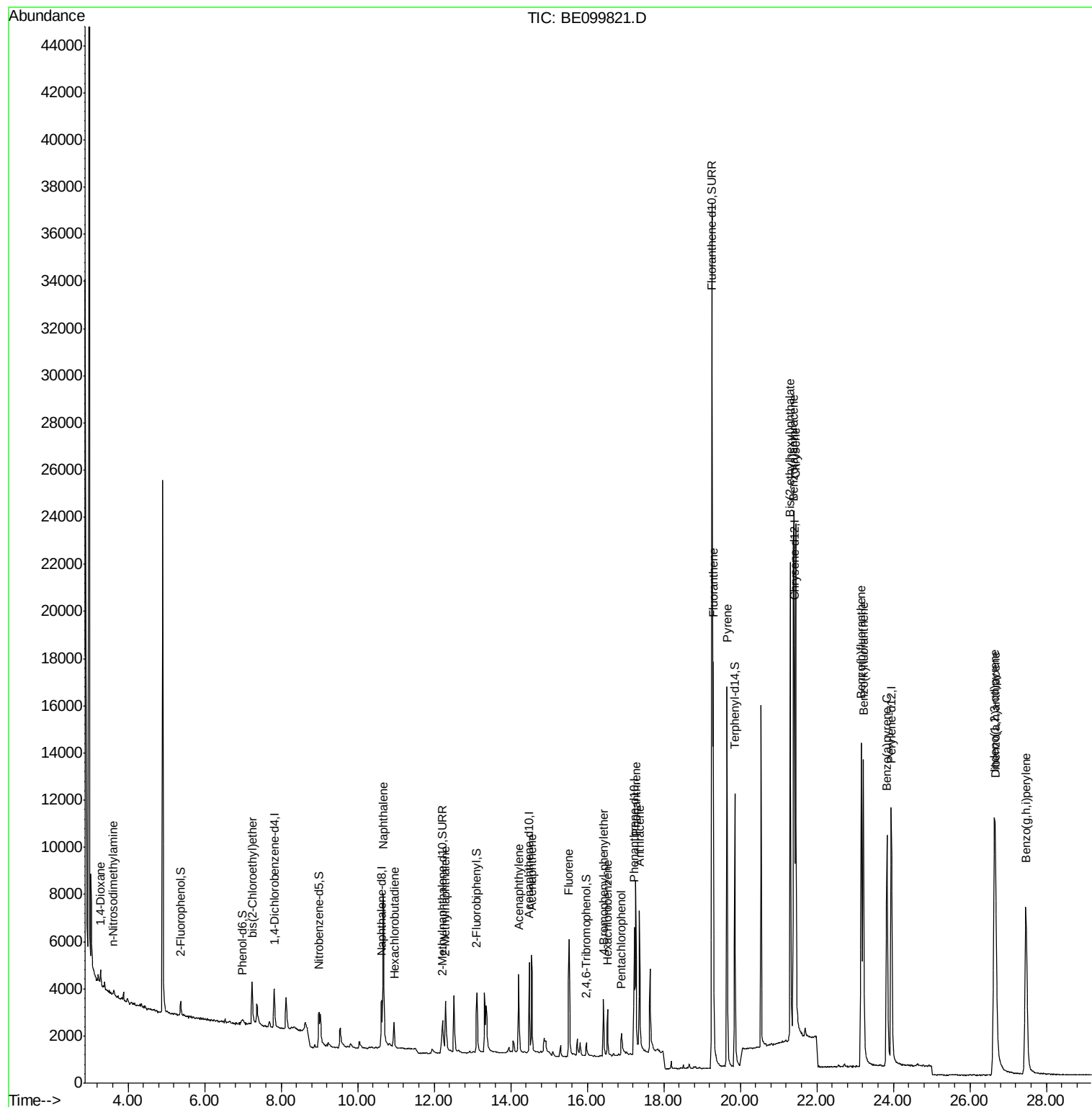
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	470	0.309	ng	# 82
3) n-Nitrosodimethylamine	3.61	42	125	0.155	ng	# 60
6) bis(2-Chloroethyl)ether	7.24	93	1064	0.370	ng	97
9) Naphthalene	10.67	128	14595	0.389	ng	100
10) Hexachlorobutadiene	10.95	225	951	0.333	ng	97
12) 2-Methylnaphthalene	12.30	142	2160	0.361	ng	96
16) Acenaphthylene	14.21	152	4476	0.381	ng	98
17) Acenaphthene	14.54	154	2517	0.391	ng	99
18) Fluorene	15.53	166	3807	0.402	ng	100
20) 4-Bromophenyl-phenylether	16.43	248	1695	0.334	ng	# 84
21) Hexachlorobenzene	16.53	284	1882	0.338	ng	98
22) Pentachlorophenol	16.89	266	1111	0.887	ng	89
23) Phenanthrene	17.27	178	8418	0.387	ng	99
24) Anthracene	17.36	178	7396	0.377	ng	99
26) Fluoranthene	19.29	202	16274	0.427	ng	100
28) Pyrene	19.65	202	17284	0.436	ng	100
30) Benzo(a)anthracene	21.39	228	21084	0.465	ng	99
31) Chrysene	21.45	228	21367	0.426	ng	99
32) Bis(2-ethylhexyl)phthalate	21.30	149	23890	0.459	ng	100
33) Indeno(1,2,3-cd)pyrene	26.64	276	24188	0.403	ng	99
35) Benzo(b)fluoranthene	23.16	252	20687	0.399	ng	# 97
36) Benzo(k)fluoranthene	23.22	252	22931	0.416	ng	100
37) Benzo(a)pyrene	23.83	252	20834	0.414	ng	# 93
38) Dibenzo(a,h)anthracene	26.67	278	19149	0.374	ng	97
39) Benzo(g,h,i)perylene	27.47	276	21196	0.394	ng	99

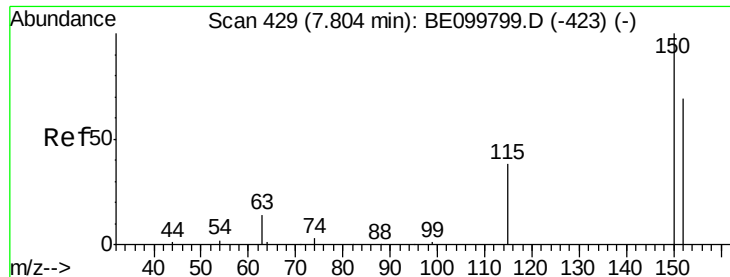
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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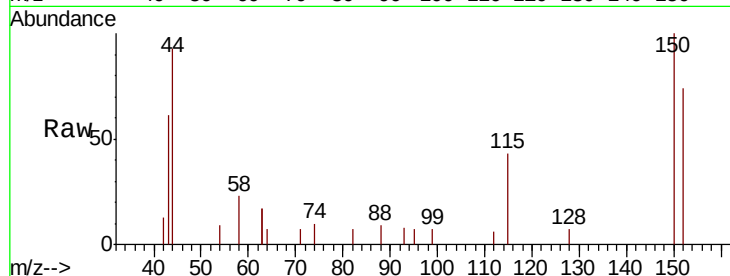


#1

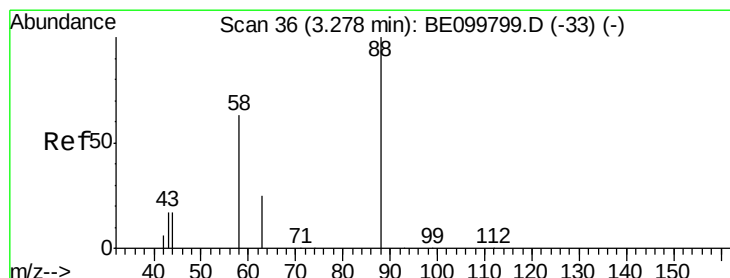
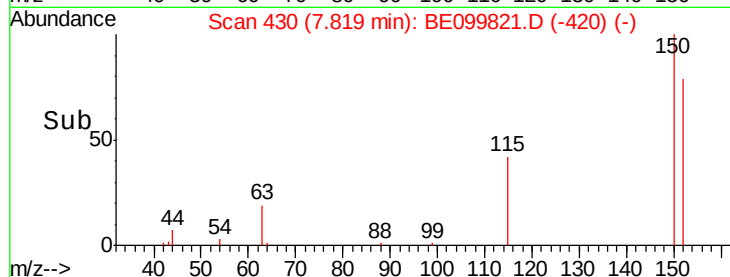
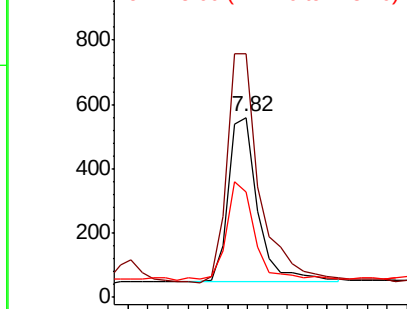
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.01 min
Lab File: BE099821.D
Acq: 6 Jun 2019 14:45

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

Tgt Ion: 152 Resp: 1049
Ion Ratio Lower Upper
152 100
150 135.4 112.8 169.2
115 58.9 47.6 71.4



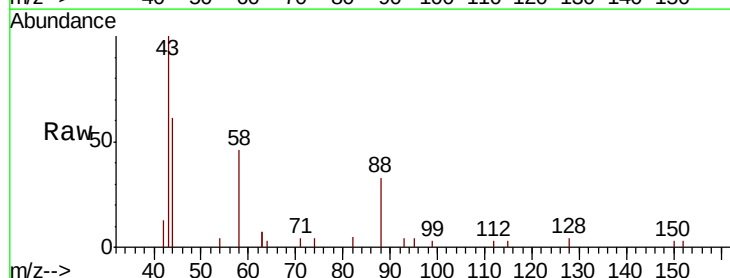
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



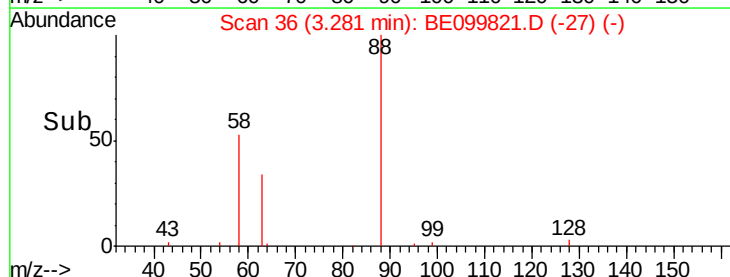
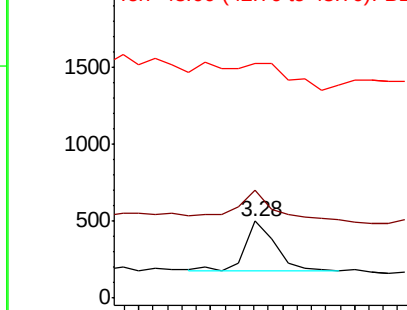
#2

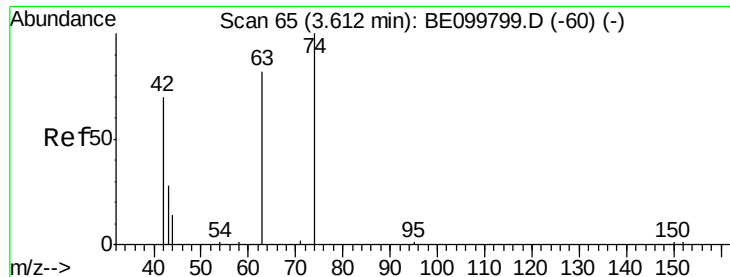
1,4-Dioxane
Concen: 0.309 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.00 min
Lab File: BE099821.D
Acq: 6 Jun 2019 14:45

Tgt Ion: 88 Resp: 470
Ion Ratio Lower Upper
88 100
58 64.0 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: 0.155 ng

RT: 3.61 min Scan# 65

Delta R.T. 0.00 min

Lab File: BE099821.D

Acq: 6 Jun 2019 14:45

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20190604MSD

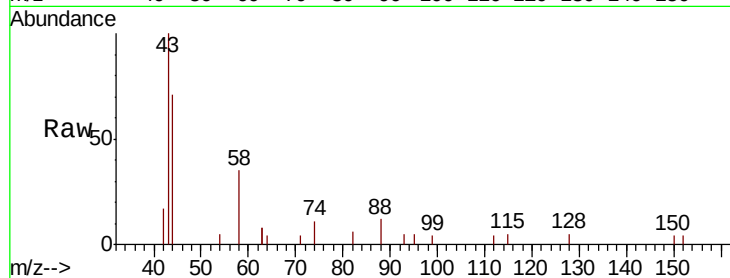
Tgt Ion: 42 Resp: 125

Ion Ratio Lower Upper

42 100

74 219.2 132.6 198.8#

44 0.0 13.4 20.0#

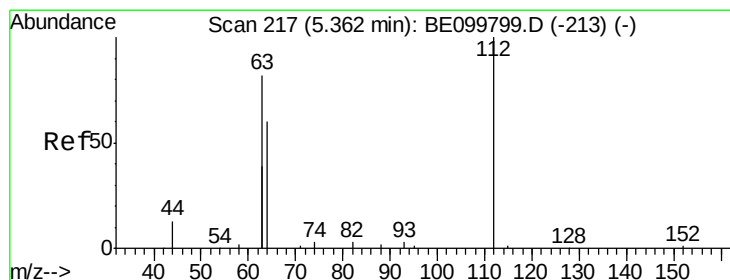
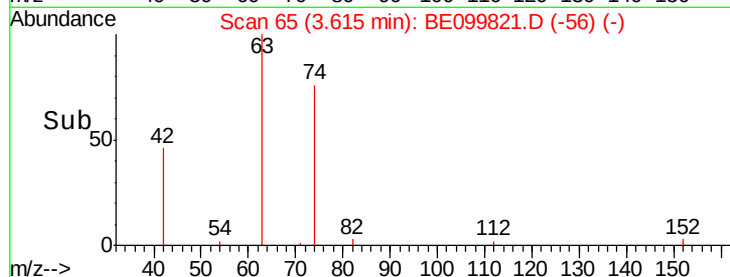
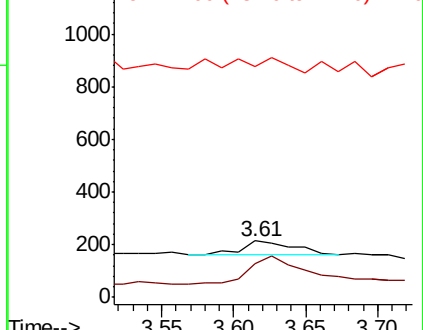


Abundance

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: 0.190 ng

RT: 5.38 min Scan# 218

Delta R.T. 0.01 min

Lab File: BE099821.D

Acq: 6 Jun 2019 14:45

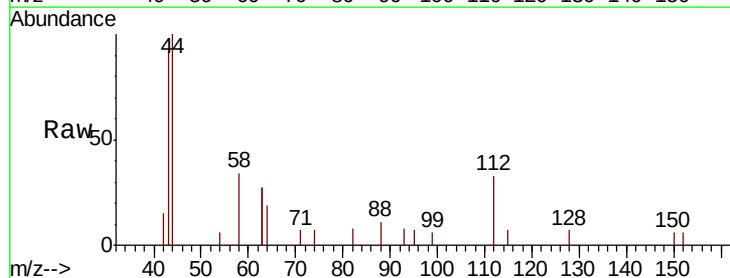
Tgt Ion: 112 Resp: 485

Ion Ratio Lower Upper

112 100

64 46.4 47.2 70.8#

63 114.8 90.7 136.1

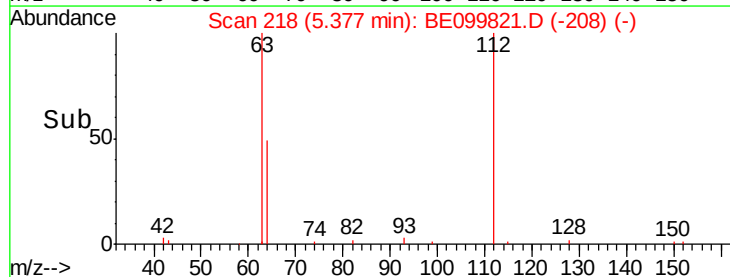
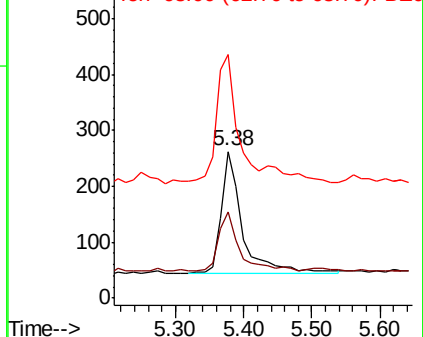


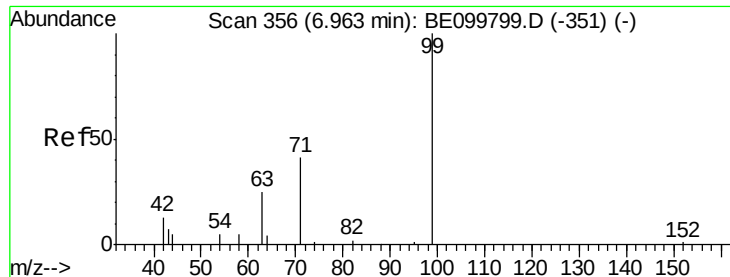
Abundance

Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.108 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.03 min

Lab File: BE099821.D

Acq: 6 Jun 2019 14:45

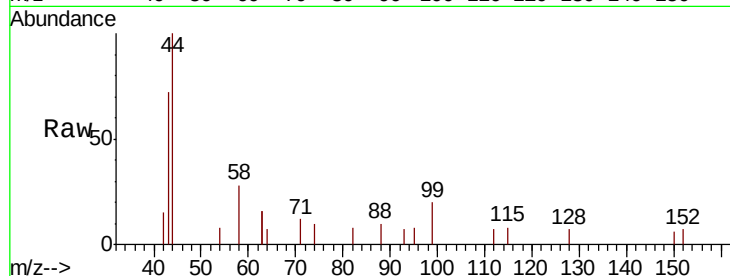
Instrument :

BNA_E

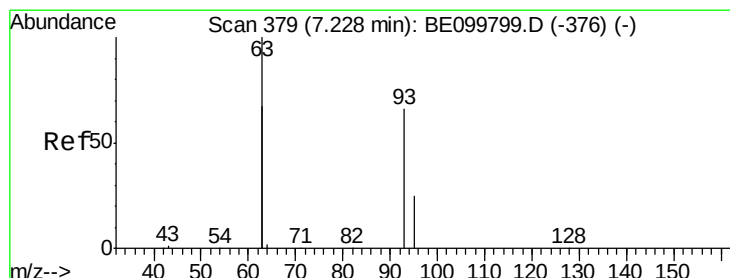
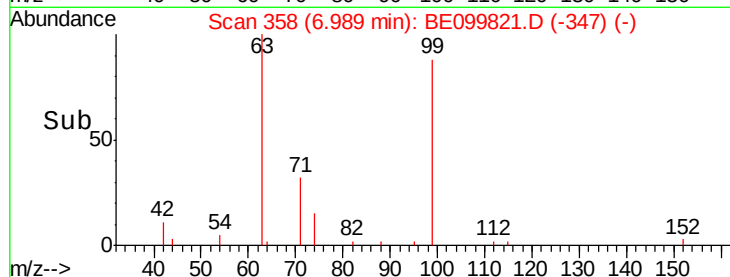
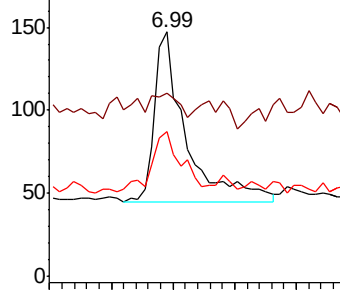
ClientSampleId :

BPS1-TT-MW304S-20190604MSD

Tgt Ion:	99	Resp:	355
Ion	Ratio	Lower	Upper
99	100		
42	11.0	11.0	16.4
71	32.7	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: 0.370 ng

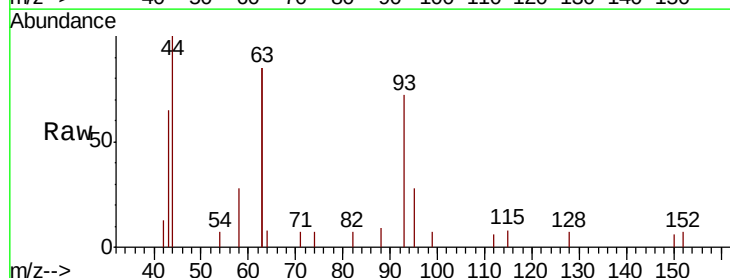
RT: 7.24 min Scan# 380

Delta R.T. 0.01 min

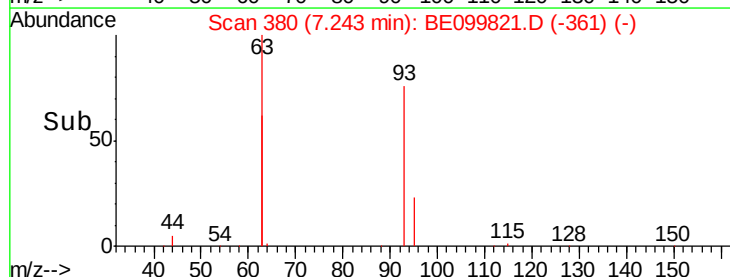
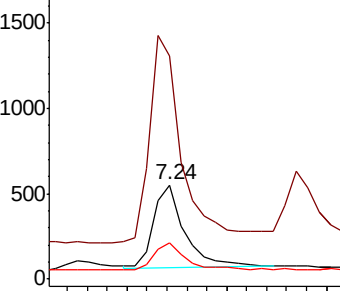
Lab File: BE099821.D

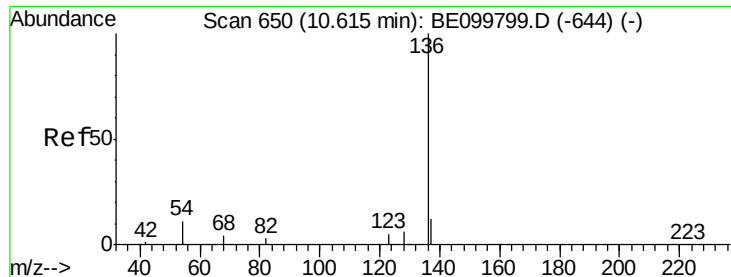
Acq: 6 Jun 2019 14:45

Tgt Ion:	93	Resp:	1064
Ion	Ratio	Lower	Upper
93	100		
63	266.0	208.8	313.2
95	34.8	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: BE099821.D

Acq: 6 Jun 2019 14:45

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20190604MSD

Tgt Ion:136 Resp: 3516

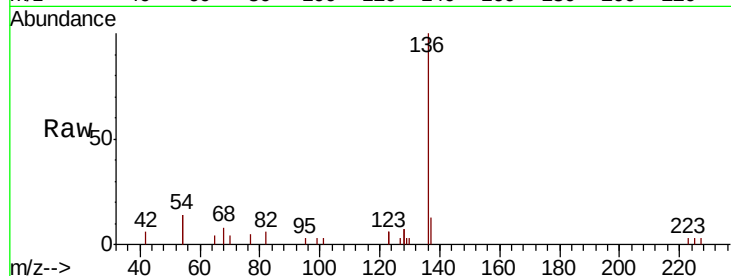
Ion Ratio Lower Upper

136 100

137 13.1 11.1 16.7

54 27.0 17.9 26.9#

68 7.6 5.4 8.0

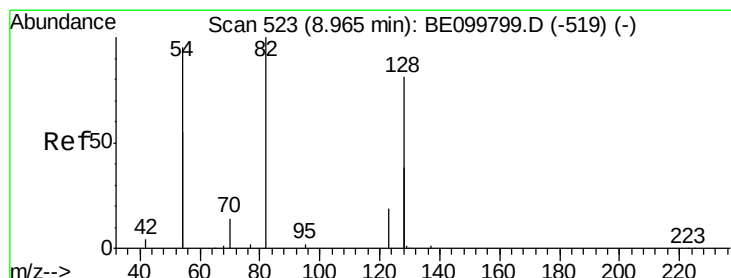
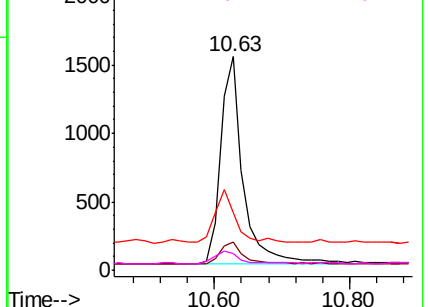
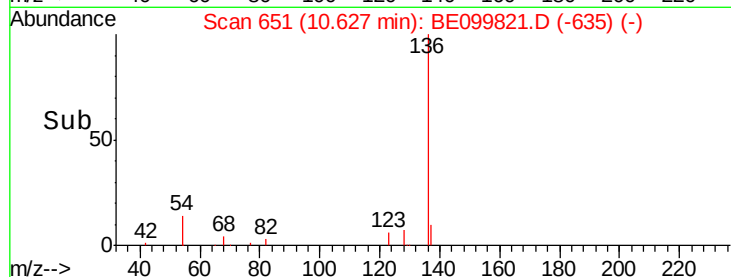


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.370 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099821.D

Acq: 6 Jun 2019 14:45

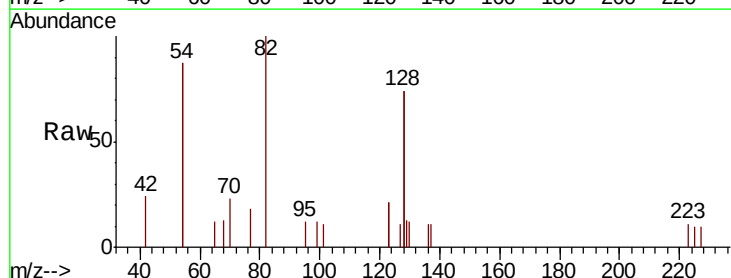
Tgt Ion: 82 Resp: 1144

Ion Ratio Lower Upper

82 100

128 147.8 116.6 175.0

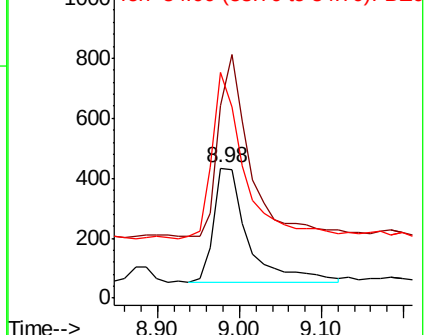
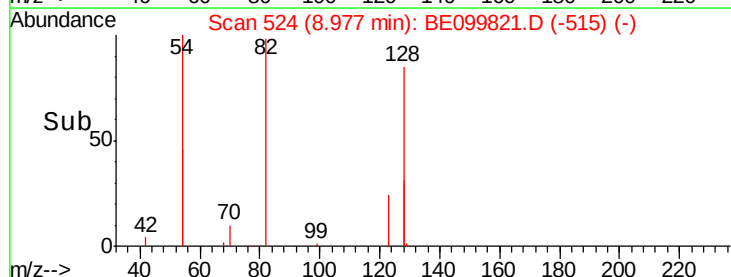
54 173.7 136.2 204.4

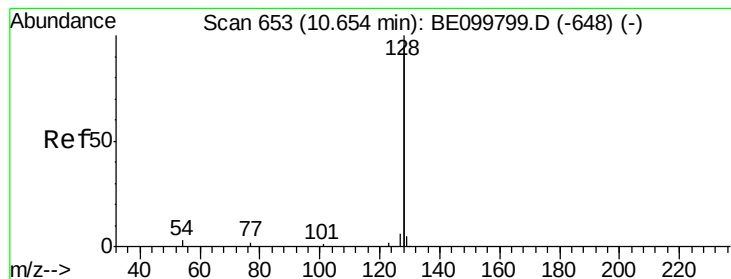


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.389 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.01 min

Lab File: BE099821.D

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BNA_E

ClientSampleId :

BPS1-TT-MW304S-20190604MSD

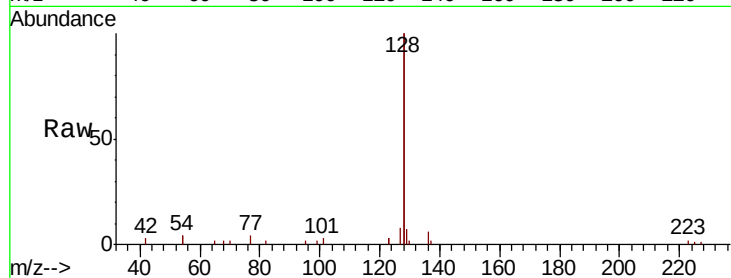
Tgt Ion:128 Resp: 14595

Ion Ratio Lower Upper

128 100

129 3.4 2.6 4.0

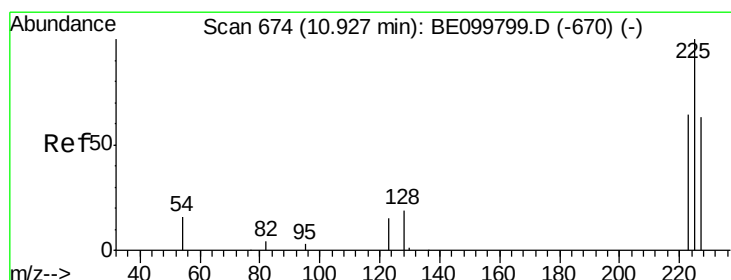
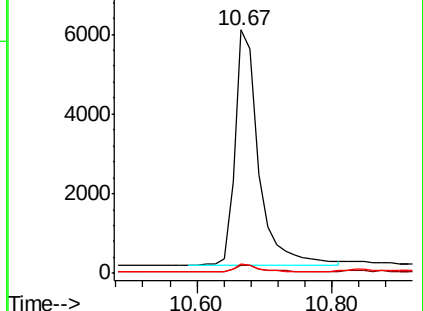
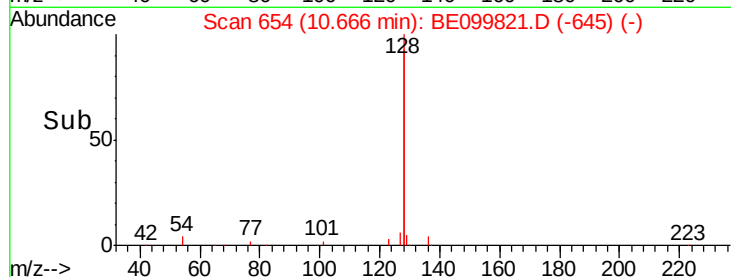
127 4.0 3.0 4.6



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: 0.333 ng

RT: 10.95 min Scan# 676

Delta R.T. 0.03 min

Lab File: BE099821.D

Acq: 6 Jun 2019 14:45

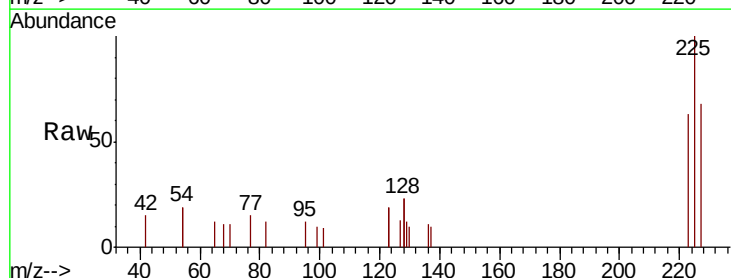
Tgt Ion:225 Resp: 951

Ion Ratio Lower Upper

225 100

223 63.4 48.6 72.8

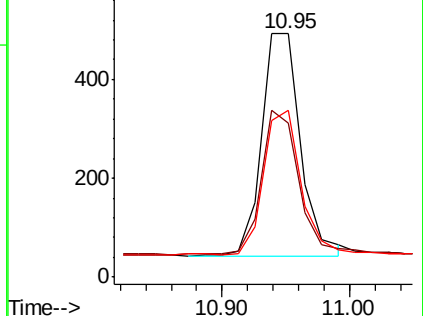
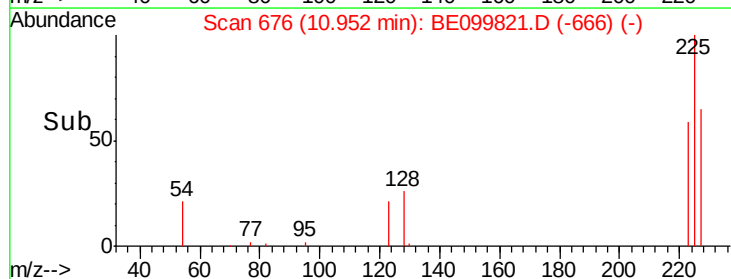
227 62.3 51.6 77.4

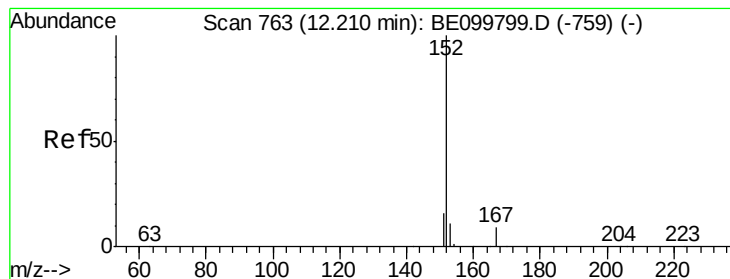


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.468 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.01 min

Lab File: BE099821.D

Acq: 6 Jun 2019 14:45

Instrument :

BNA_E

ClientSampleId :

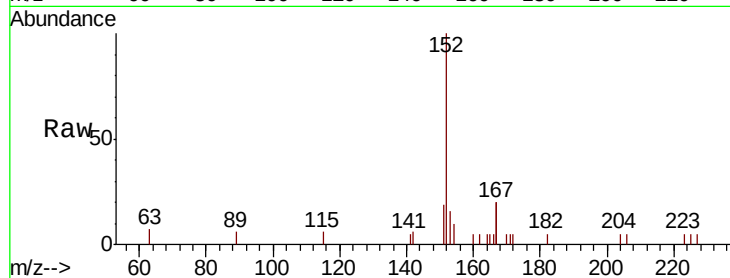
BPS1-TT-MW304S-20190604MSD

Tgt Ion:152 Resp: 2828

Ion Ratio Lower Upper

152 100

151 14.1 15.8 23.8#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.22

1000

800

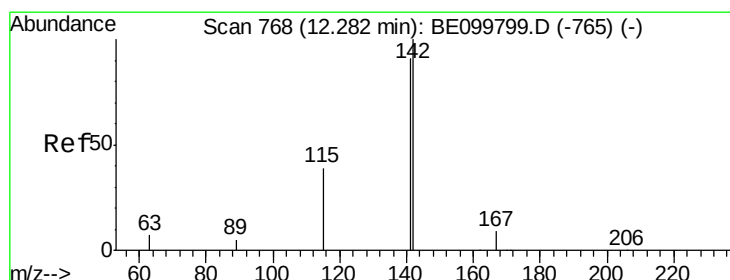
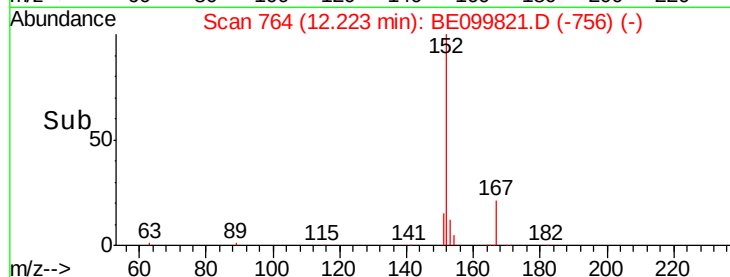
600

400

200

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.361 ng

RT: 12.30 min Scan# 769

Delta R.T. 0.01 min

Lab File: BE099821.D

Acq: 6 Jun 2019 14:45

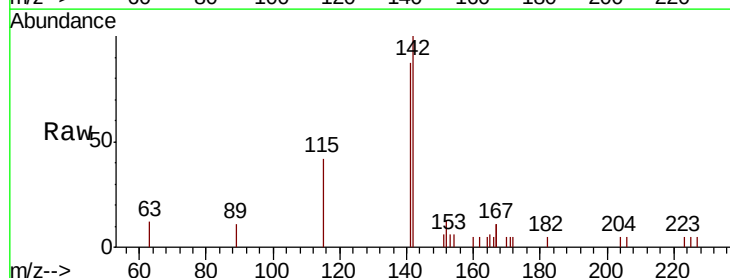
Tgt Ion:142 Resp: 2160

Ion Ratio Lower Upper

142 100

141 86.6 73.3 109.9

115 41.8 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

12.30

1200

1000

800

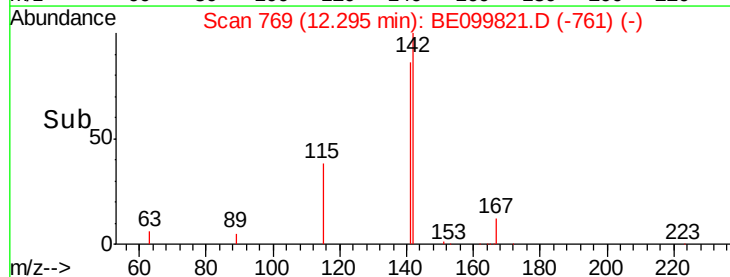
600

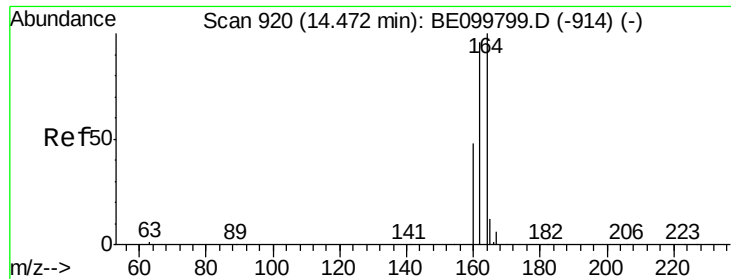
400

200

0

Time-->

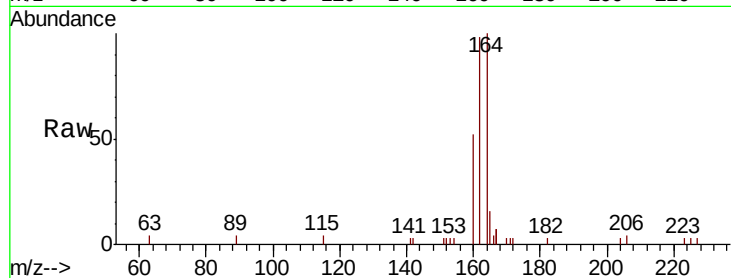




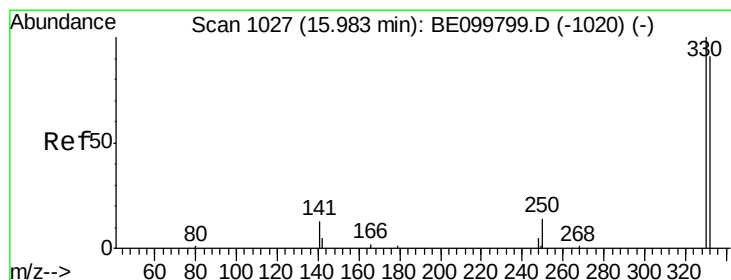
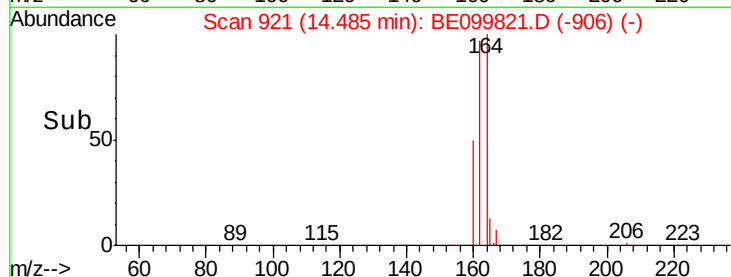
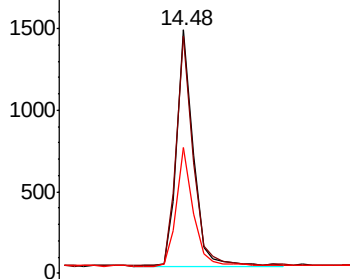
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.48 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: BE099821.D
 Acq: 6 Jun 2019 14:45

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

Tgt Ion:164 Resp: 2435
 Ion Ratio Lower Upper
 164 100
 162 97.5 77.2 115.8
 160 51.7 39.4 59.2

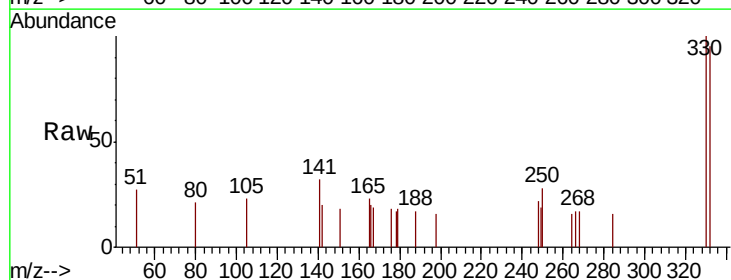


Abundance Ion 164.00 (163.70 to 164.70): E
 2000 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

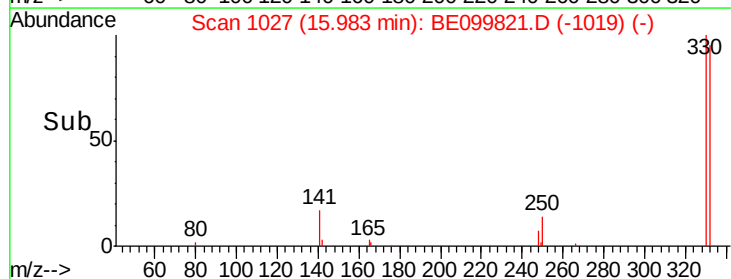
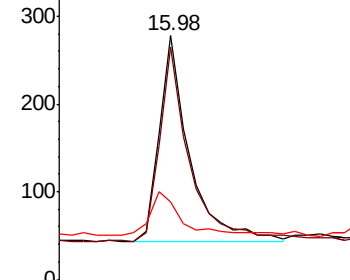


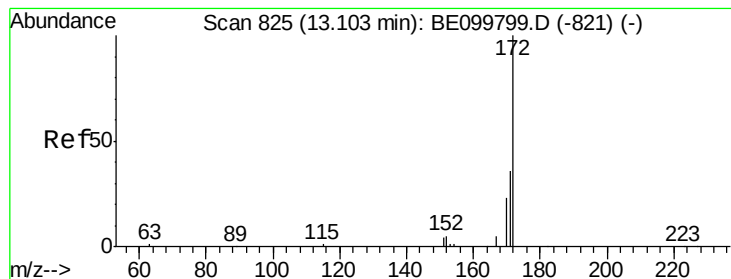
#14
 2,4,6-Tribromophenol
 Concen: 0.421 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BE099821.D
 Acq: 6 Jun 2019 14:45

Tgt Ion:330 Resp: 533
 Ion Ratio Lower Upper
 330 100
 332 97.4 74.9 112.3
 141 21.2 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: 0.367 ng

RT: 13.12 min Scan# 826

Delta R.T. 0.01 min

Lab File: BE099821.D

Acq: 6 Jun 2019 14:45

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20190604MSD

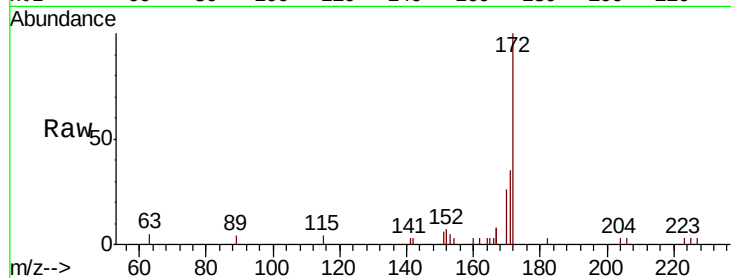
Tgt Ion:172 Resp: 3323

Ion Ratio Lower Upper

172 100

171 34.8 30.2 45.4

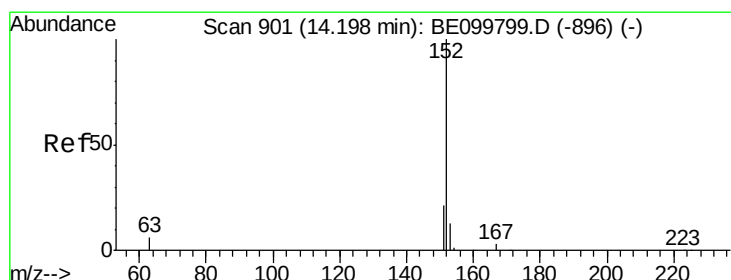
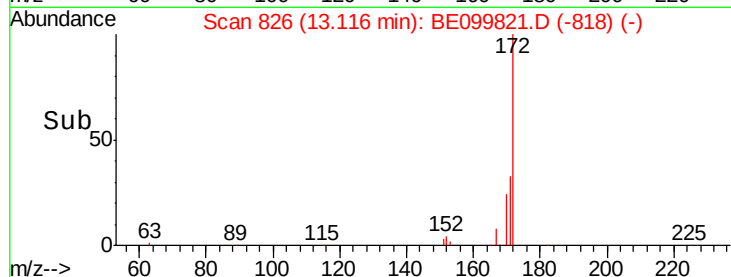
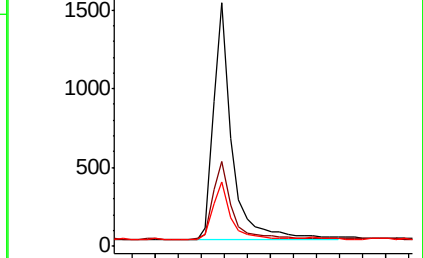
170 26.4 20.1 30.1



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: 0.381 ng

RT: 14.21 min Scan# 902

Delta R.T. 0.01 min

Lab File: BE099821.D

Acq: 6 Jun 2019 14:45

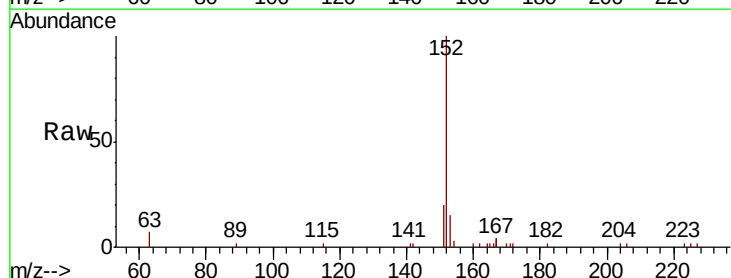
Tgt Ion:152 Resp: 4476

Ion Ratio Lower Upper

152 100

151 19.0 15.9 23.9

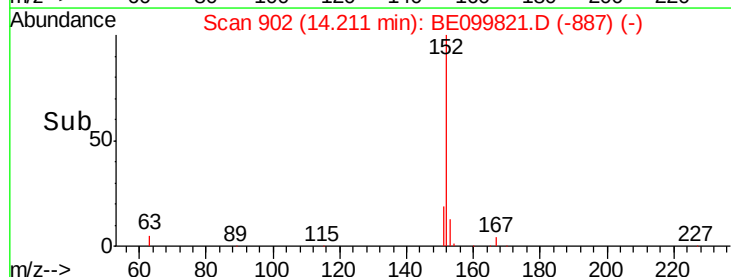
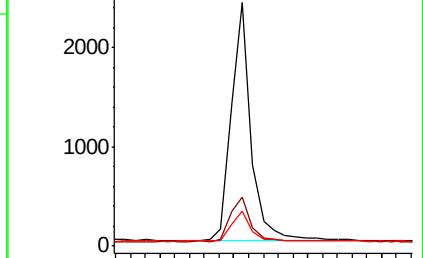
153 12.6 10.8 16.2

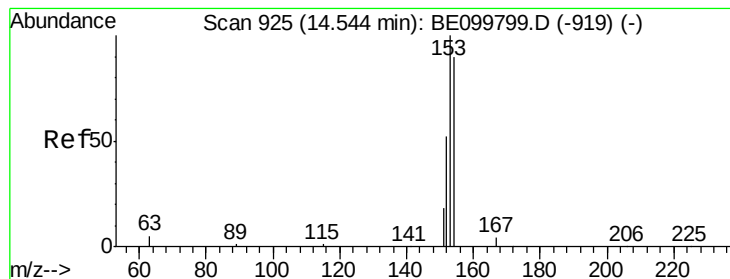


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.391 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE099821.D

Acq: 6 Jun 2019 14:45

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20190604MSD

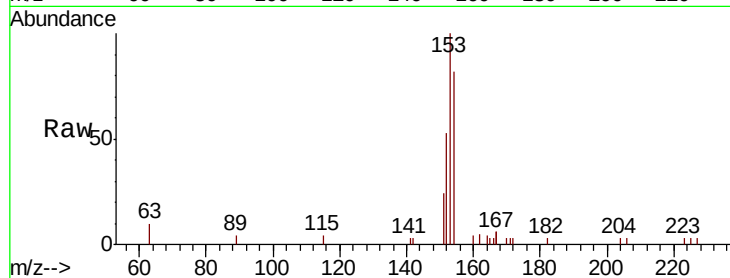
Tgt Ion:154 Resp: 2517

Ion Ratio Lower Upper

154 100

153 116.2 93.8 140.6

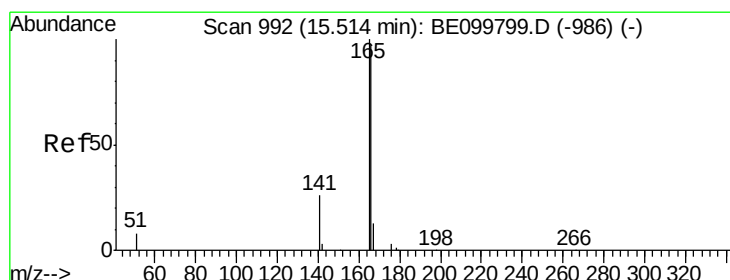
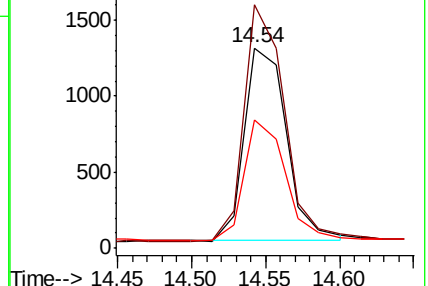
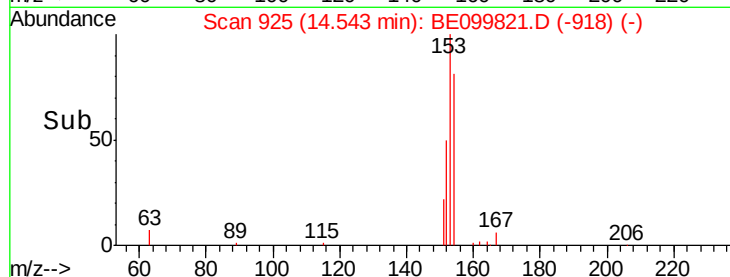
152 61.2 48.3 72.5



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: 0.402 ng

RT: 15.53 min Scan# 993

Delta R.T. 0.01 min

Lab File: BE099821.D

Acq: 6 Jun 2019 14:45

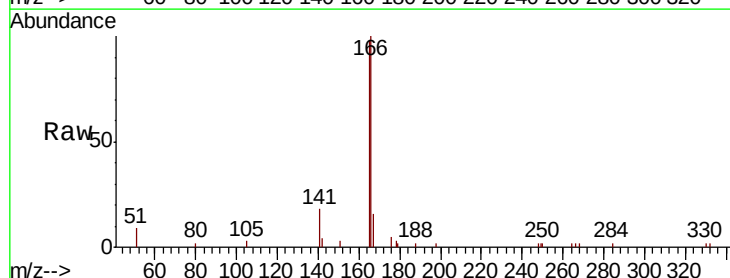
Tgt Ion:166 Resp: 3807

Ion Ratio Lower Upper

166 100

165 100.3 80.4 120.6

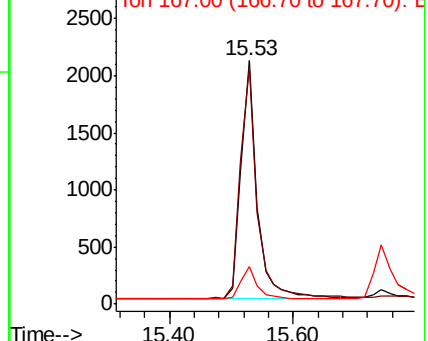
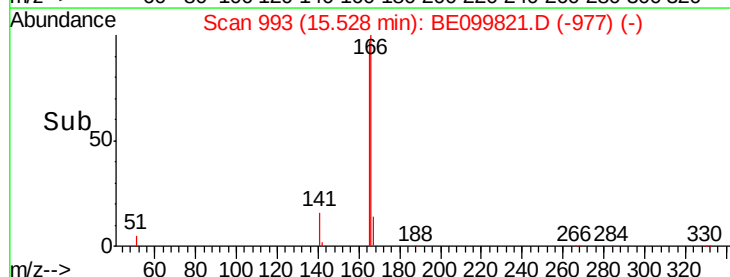
167 13.2 10.7 16.1

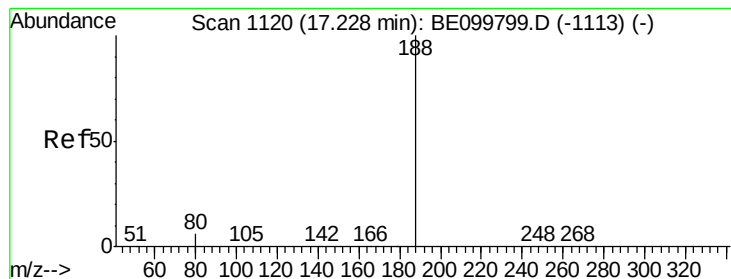


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099821.D

Acq: 6 Jun 2019 14:45

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20190604MSD

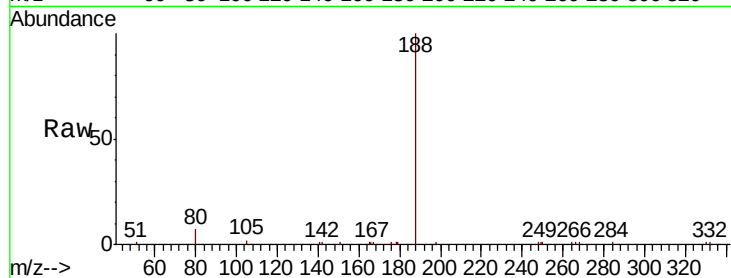
Tgt Ion:188 Resp: 9106

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

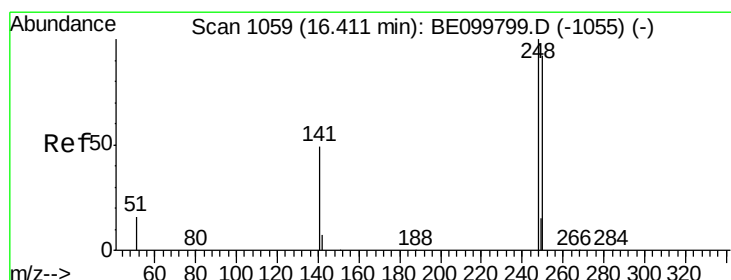
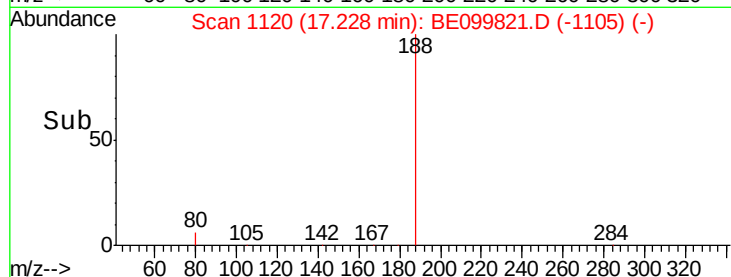
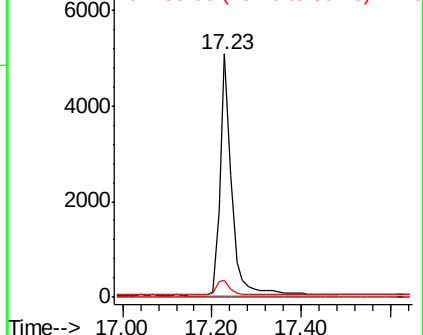
80 7.3 5.2 7.8



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: 0.334 ng

RT: 16.43 min Scan# 1060

Delta R.T. 0.01 min

Lab File: BE099821.D

Acq: 6 Jun 2019 14:45

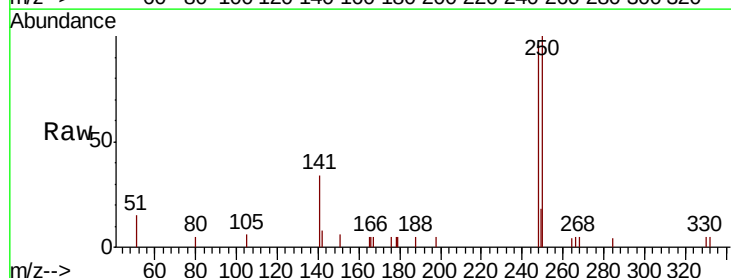
Tgt Ion:248 Resp: 1695

Ion Ratio Lower Upper

248 100

250 103.8 73.7 110.5

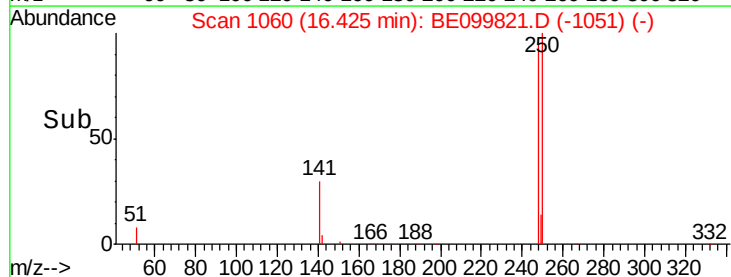
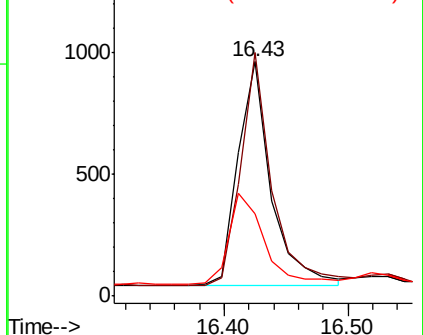
141 34.9 40.9 61.3#

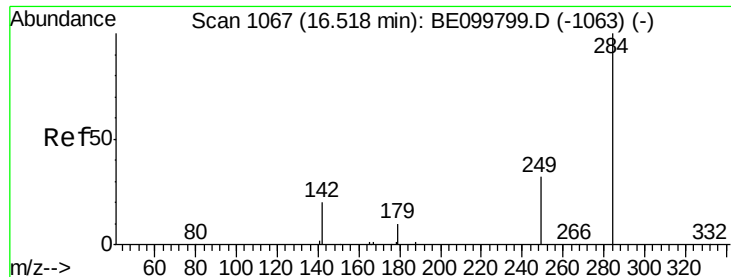


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.338 ng

RT: 16.53 min Scan# 1068

Delta R.T. 0.01 min

Lab File: BE099821.D

Acq: 6 Jun 2019 14:45

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20190604MSD

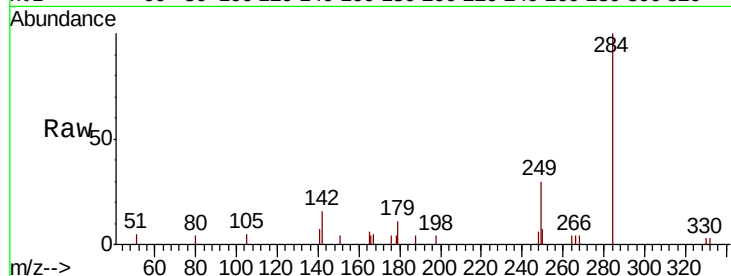
Tgt Ion:284 Resp: 1882

Ion Ratio Lower Upper

284 100

142 20.7 16.2 24.4

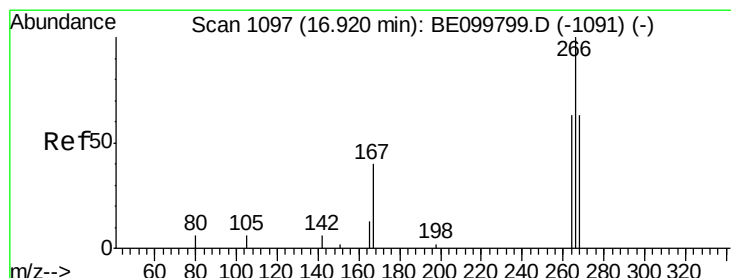
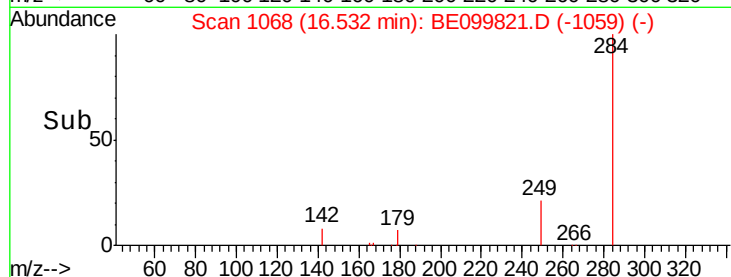
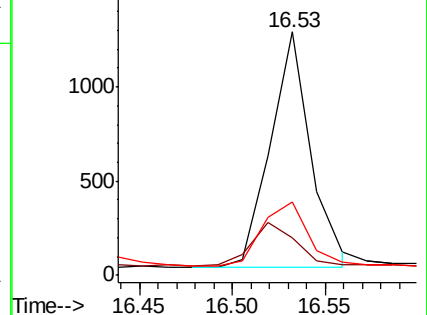
249 30.6 23.1 34.7



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: 0.887 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.03 min

Lab File: BE099821.D

Acq: 6 Jun 2019 14:45

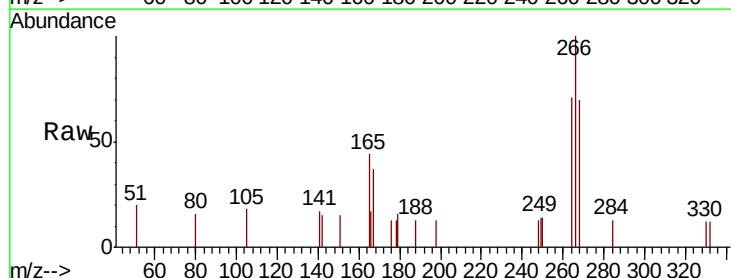
Tgt Ion:266 Resp: 1111

Ion Ratio Lower Upper

266 100

264 70.9 64.9 97.3

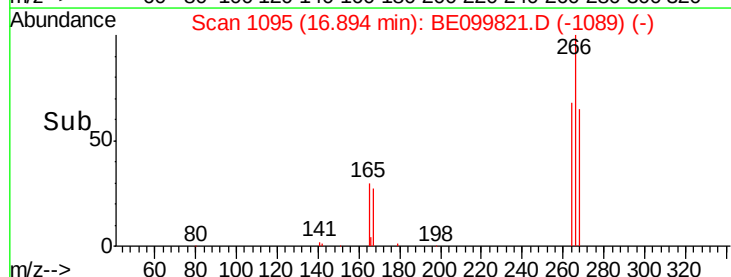
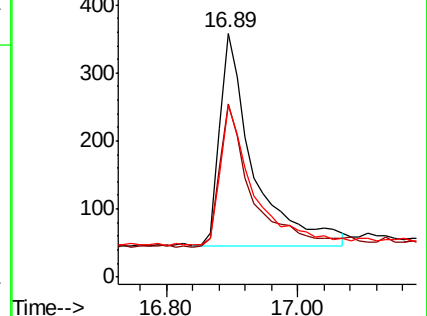
268 70.4 64.0 96.0

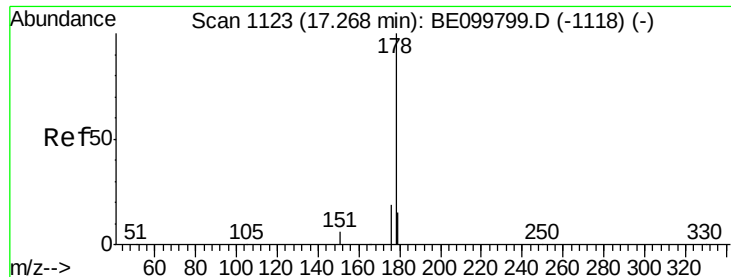


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

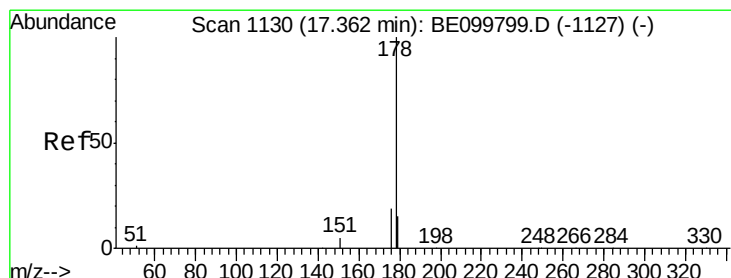
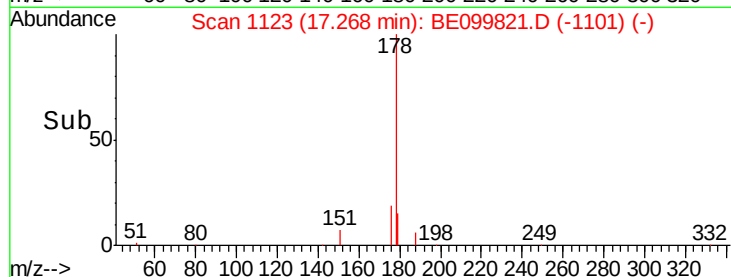
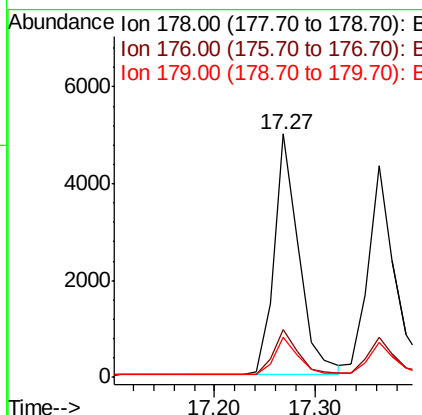
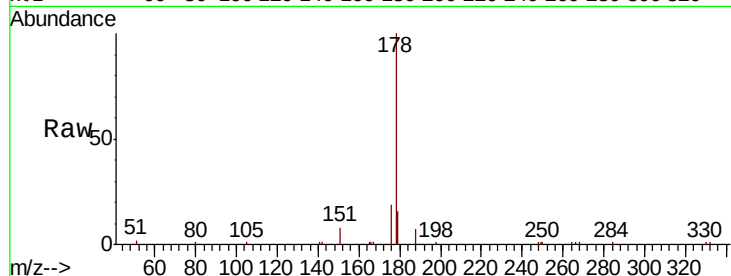




#23
 Phenanthrene
 Concen: 0.387 ng
 RT: 17.27 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: BE099821.D
 Acq: 6 Jun 2019 14:45

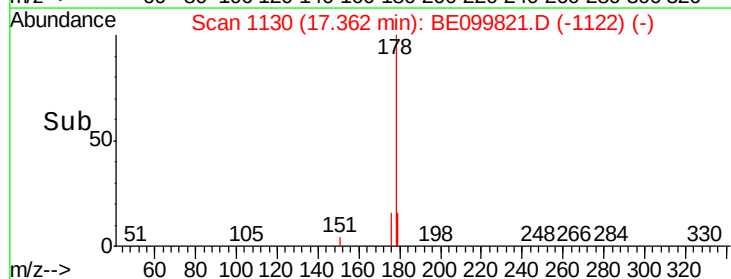
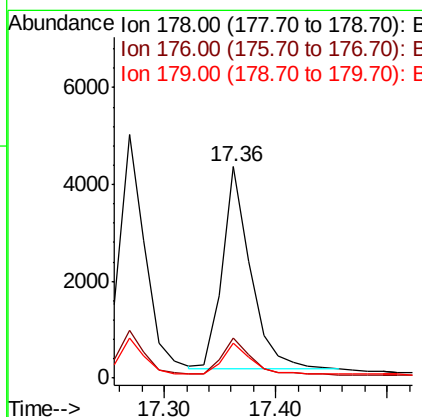
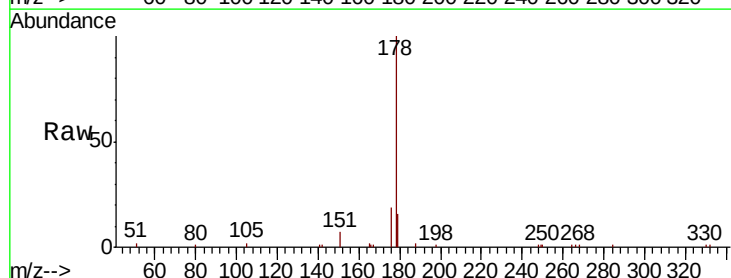
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW304S-20190604MSD

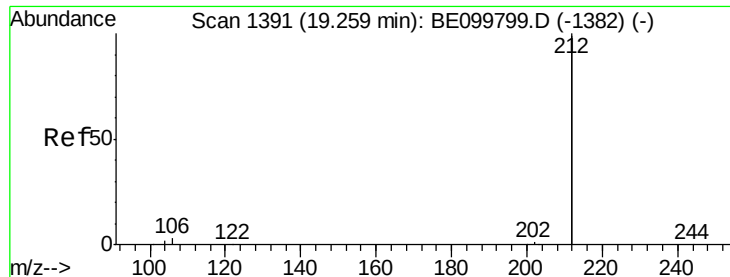
Tgt Ion:178 Resp: 8418
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.0
 179 15.4 12.5 18.7



#24
 Anthracene
 Concen: 0.377 ng
 RT: 17.36 min Scan# 1130
 Delta R.T. 0.00 min
 Lab File: BE099821.D
 Acq: 6 Jun 2019 14:45

Tgt Ion:178 Resp: 7396
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.1 22.7
 179 14.8 12.1 18.1

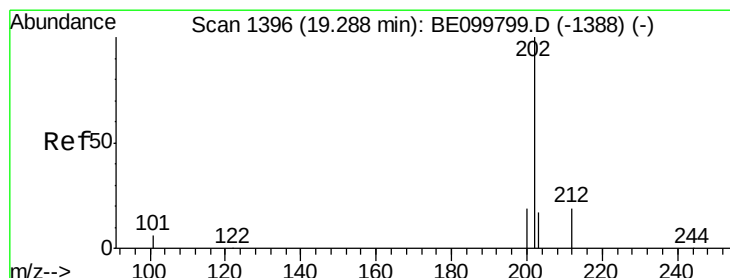
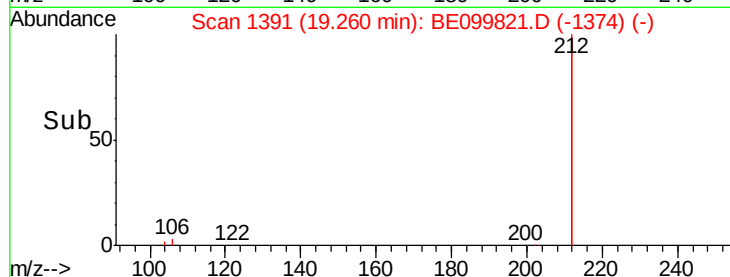
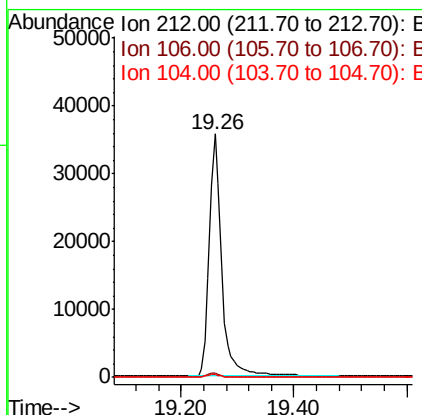
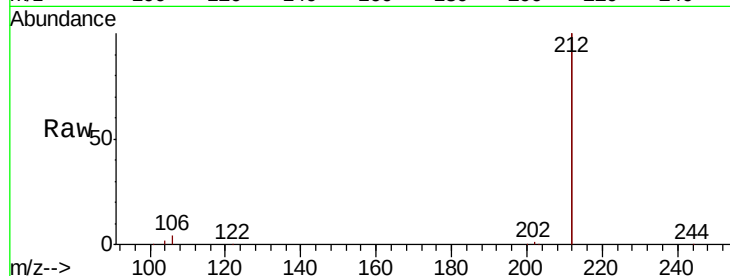




#25
 Fluoranthene-d10
 Concen: 0.399 ng
 RT: 19.26 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: BE099821.D
 Acq: 6 Jun 2019 14:45

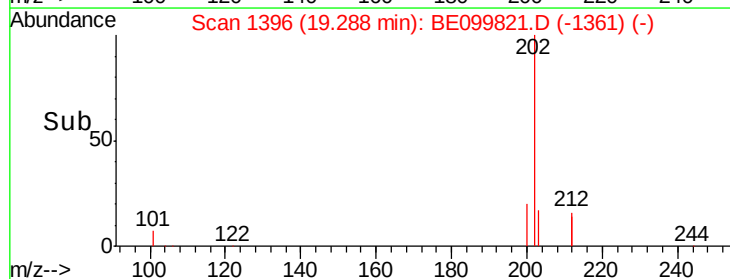
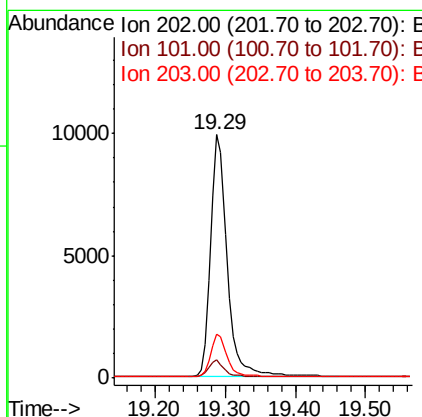
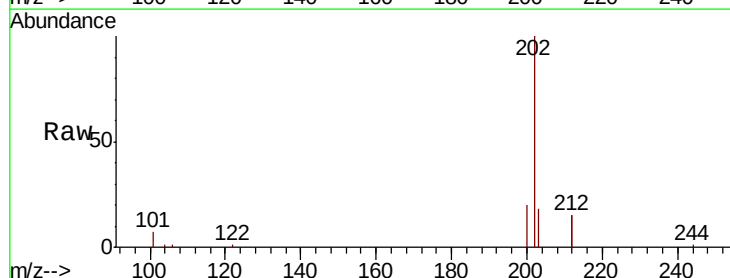
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW304S-20190604MSD

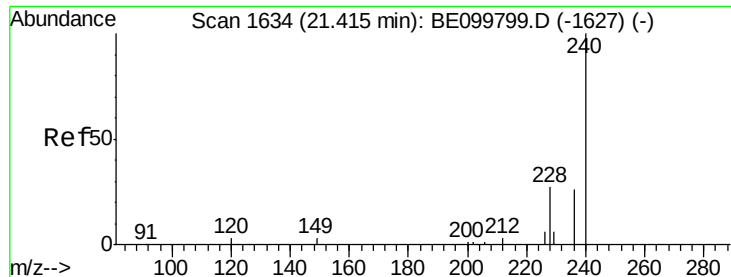
Tgt Ion: 212 Resp: 53943
 Ion Ratio Lower Upper
 212 100
 106 1.8 1.4 2.0
 104 1.1 0.8 1.2



#26
 Fluoranthene
 Concen: 0.427 ng
 RT: 19.29 min Scan# 1396
 Delta R.T. 0.00 min
 Lab File: BE099821.D
 Acq: 6 Jun 2019 14:45

Tgt Ion: 202 Resp: 16274
 Ion Ratio Lower Upper
 202 100
 101 6.6 5.2 7.8
 203 17.1 13.6 20.4

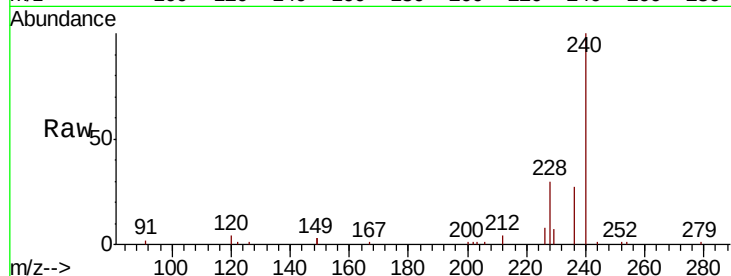




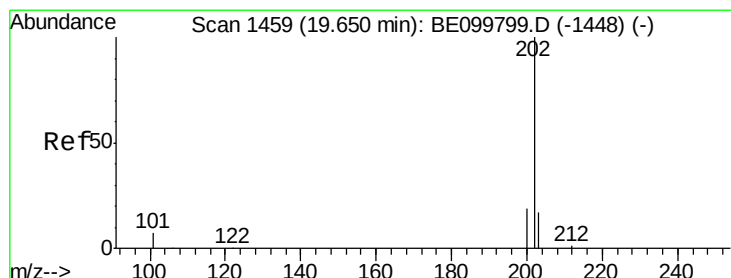
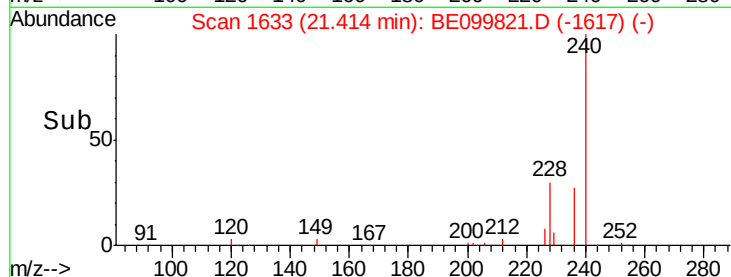
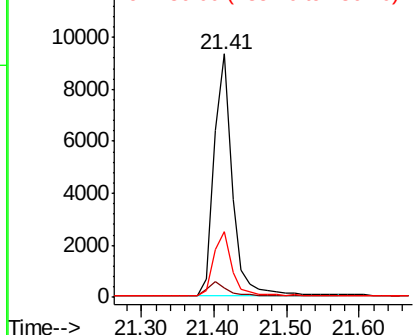
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE099821.D
Acq: 6 Jun 2019 14:45

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

Tgt Ion:240 Resp: 16417
Ion Ratio Lower Upper
240 100
120 4.0 2.8 4.2
236 27.0 20.9 31.3

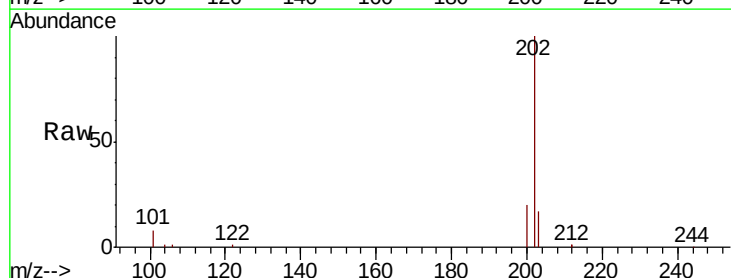


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

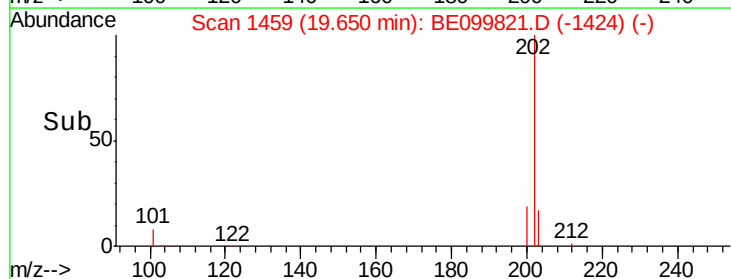
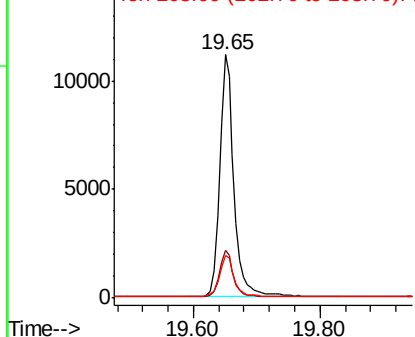


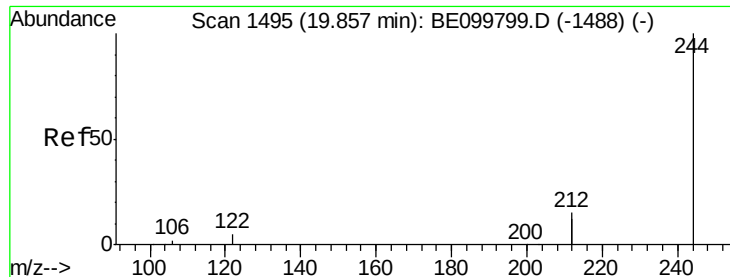
#28
Pyrene
Concen: 0.436 ng
RT: 19.65 min Scan# 1459
Delta R.T. 0.00 min
Lab File: BE099821.D
Acq: 6 Jun 2019 14:45

Tgt Ion:202 Resp: 17284
Ion Ratio Lower Upper
202 100
200 19.3 15.6 23.4
203 17.8 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.483 ng

RT: 19.86 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BE099821.D

Acq: 6 Jun 2019 14:45

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20190604MSD

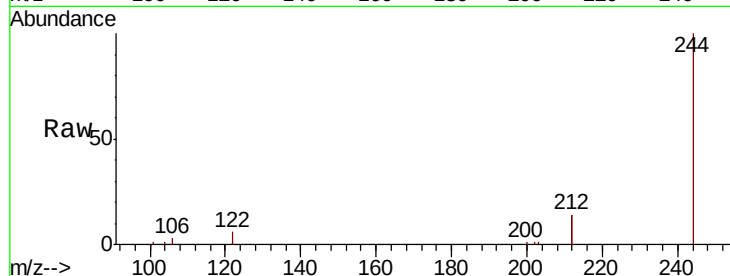
Tgt Ion:244 Resp: 13015

Ion Ratio Lower Upper

244 100

212 28.4 23.7 35.5

122 5.7 4.8 7.2

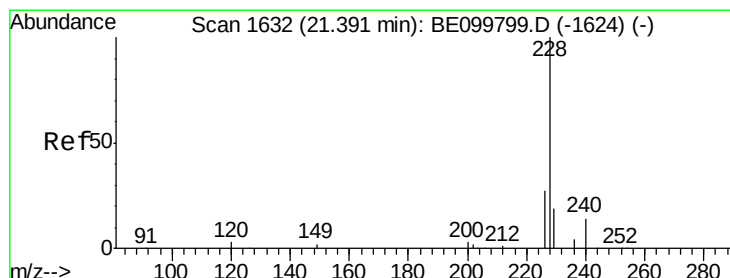
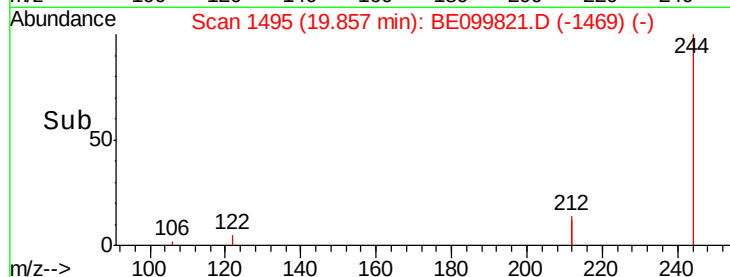
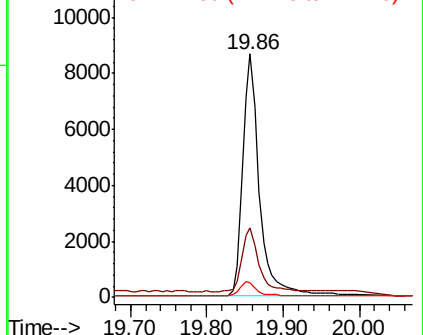


Abundance

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: 0.465 ng

RT: 21.39 min Scan# 1631

Delta R.T. -0.00 min

Lab File: BE099821.D

Acq: 6 Jun 2019 14:45

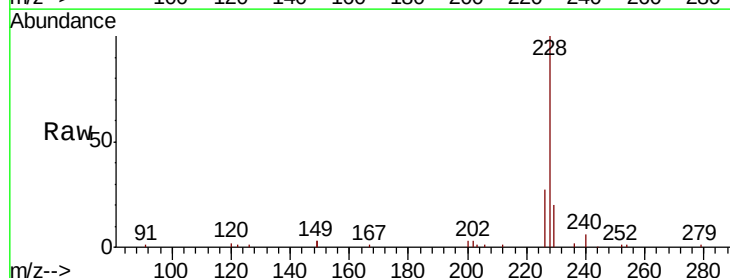
Tgt Ion:228 Resp: 21084

Ion Ratio Lower Upper

228 100

226 27.4 21.6 32.4

229 20.0 15.8 23.6

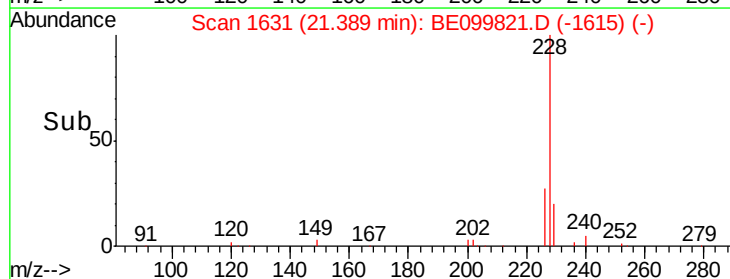
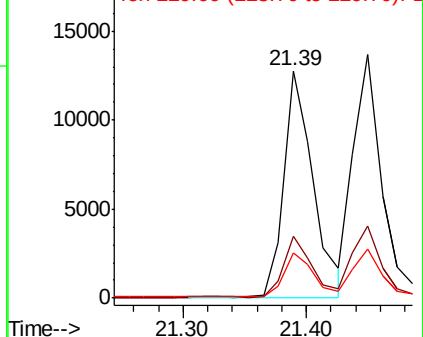


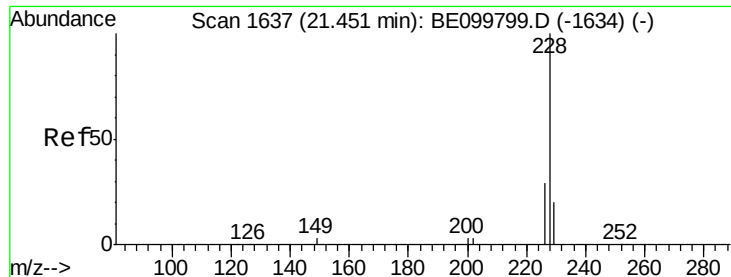
Abundance

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: 0.426 ng

RT: 21.45 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BE099821.D

Acq: 6 Jun 2019 14:45

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20190604MSD

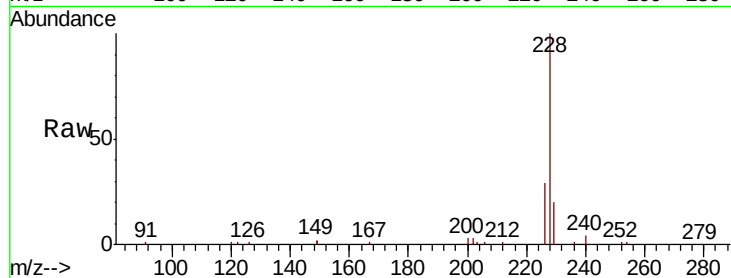
Tgt Ion: 228 Resp: 21367

Ion Ratio Lower Upper

228 100

226 29.5 22.9 34.3

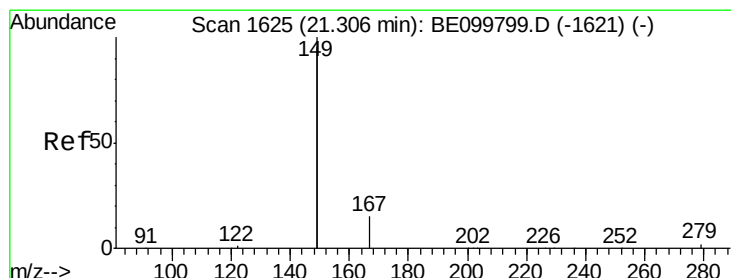
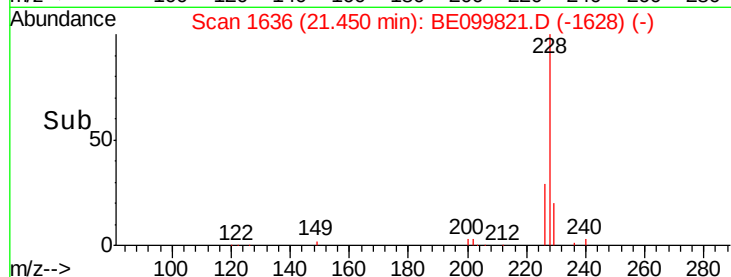
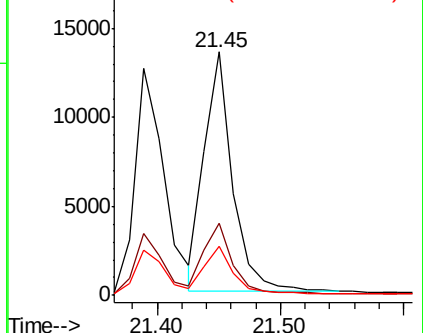
229 20.3 16.4 24.6



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: 21.30 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE099821.D

Acq: 6 Jun 2019 14:45

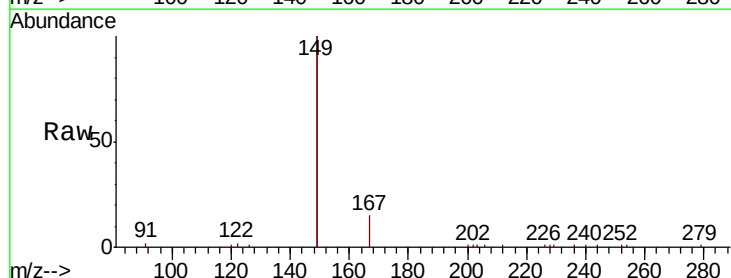
Tgt Ion: 149 Resp: 23890

Ion Ratio Lower Upper

149 100

167 7.5 6.0 9.0

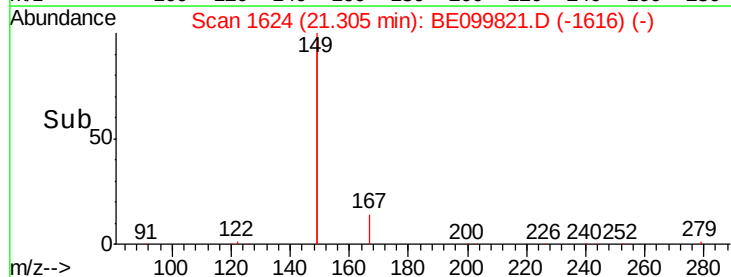
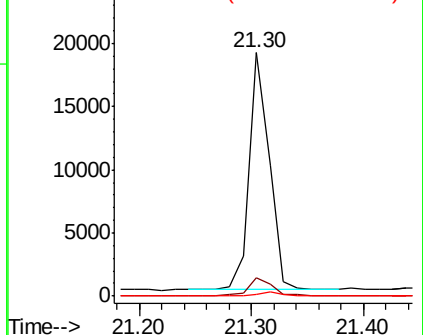
279 1.6 1.2 1.8

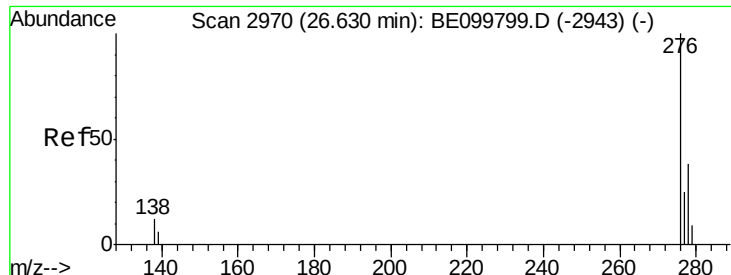


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.403 ng

RT: 26.64 min Scan# 2972

Delta R.T. 0.01 min

Lab File: BE099821.D

Acq: 6 Jun 2019 14:45

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20190604MSD

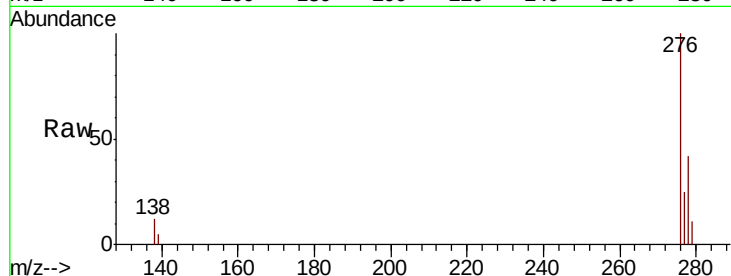
Tgt Ion:276 Resp: 24188

Ion Ratio Lower Upper

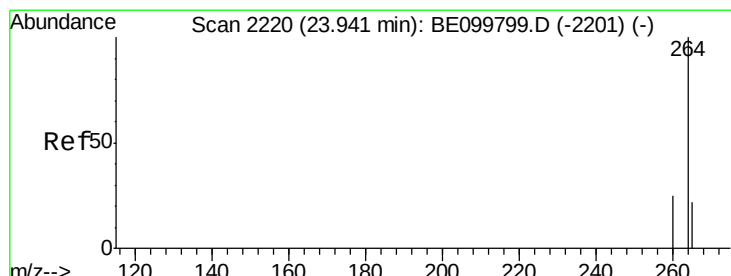
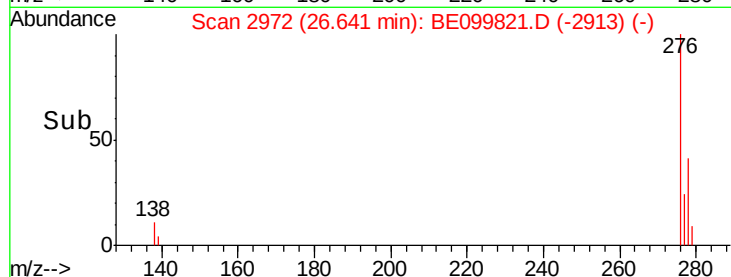
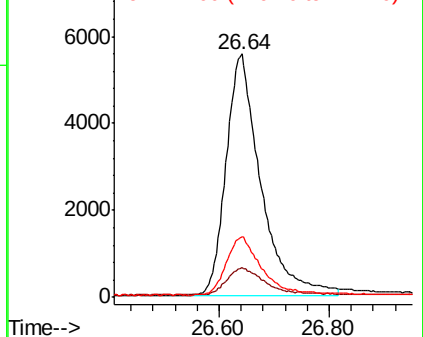
276 100

138 12.3 10.3 15.5

277 24.5 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# 2221

Delta R.T. 0.01 min

Lab File: BE099821.D

Acq: 6 Jun 2019 14:45

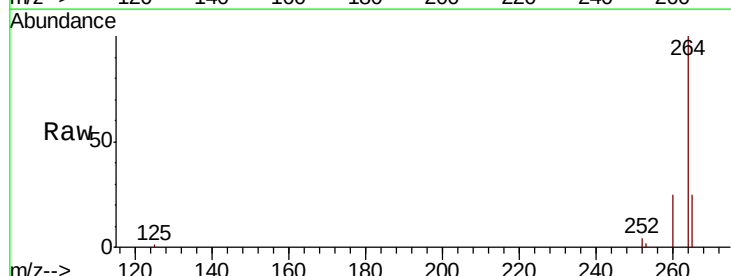
Tgt Ion:264 Resp: 18741

Ion Ratio Lower Upper

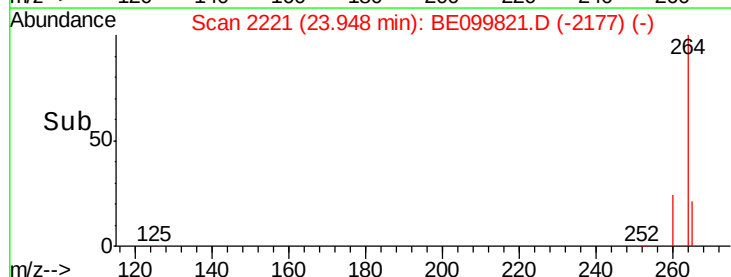
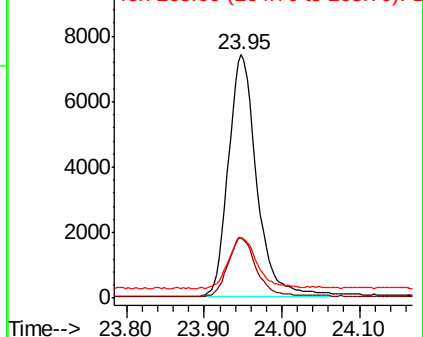
264 100

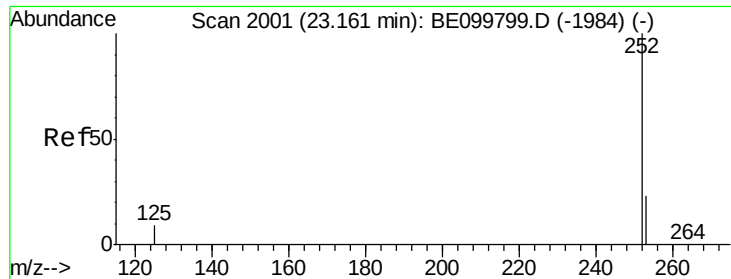
260 24.8 20.0 30.0

265 24.9 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

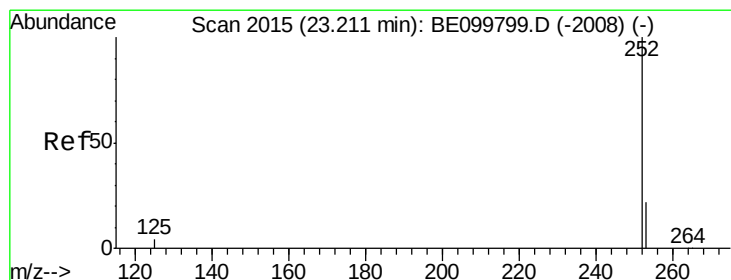
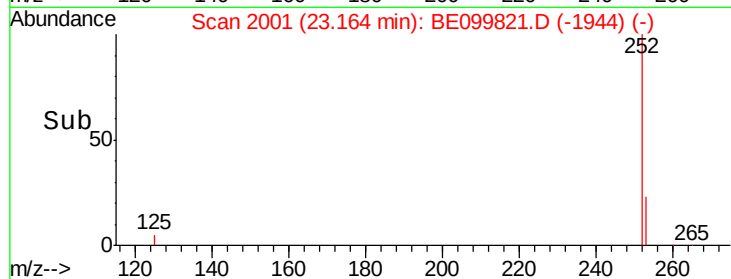
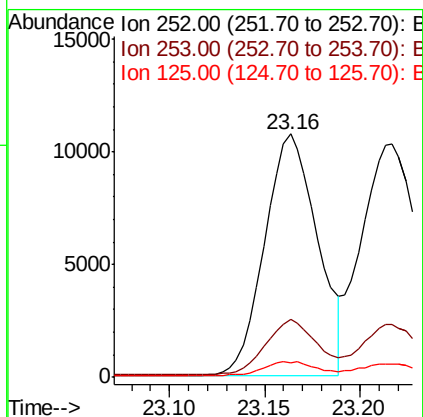
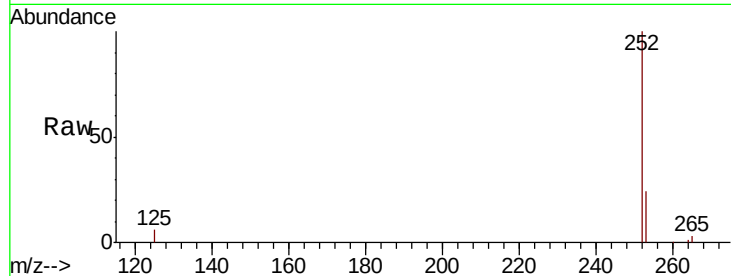




#35
Benzo(b)fluoranthene
Concen: 0.399 ng
RT: 23.16 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BE099821.D
Acq: 6 Jun 2019 14:45

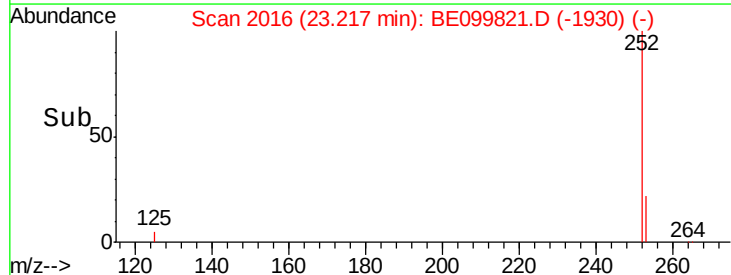
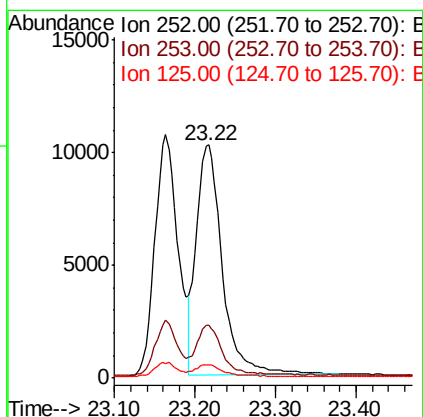
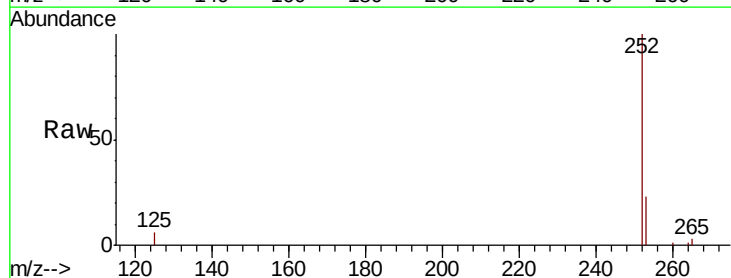
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW304S-20190604MSD

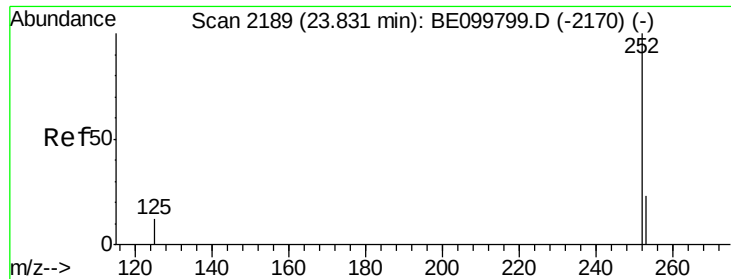
Tgt Ion:252 Resp: 20687
Ion Ratio Lower Upper
252 100
253 23.6 18.9 28.3
125 6.2 7.6 11.4#



#36
Benzo(k)fluoranthene
Concen: 0.416 ng
RT: 23.22 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BE099821.D
Acq: 6 Jun 2019 14:45

Tgt Ion:252 Resp: 22931
Ion Ratio Lower Upper
252 100
253 22.9 18.4 27.6
125 5.8 4.6 7.0





#37

Benzo(a)pyrene

Concen: 0.414 ng

RT: 23.83 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BE099821.D

Acq: 6 Jun 2019 14:45

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20190604MSD

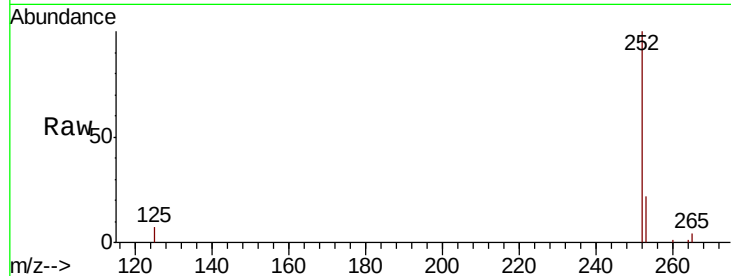
Tgt Ion:252 Resp: 20834

Ion Ratio Lower Upper

252 100

253 22.4 19.3 28.9

125 7.0 10.2 15.4#

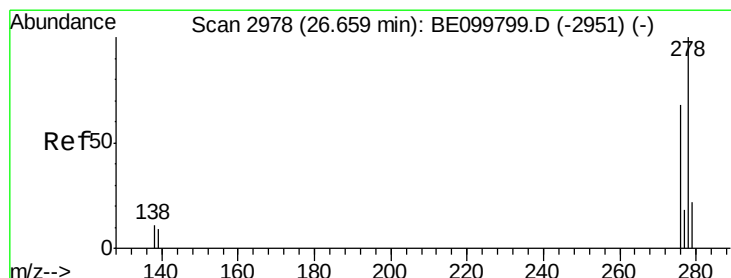
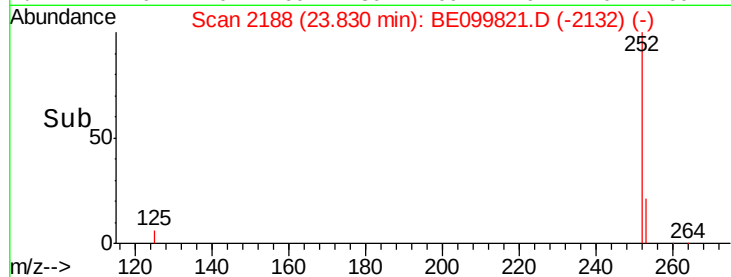
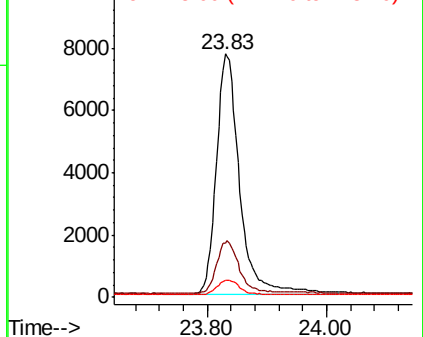


Abundance

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: 0.374 ng

RT: 26.67 min Scan# 2980

Delta R.T. 0.01 min

Lab File: BE099821.D

Acq: 6 Jun 2019 14:45

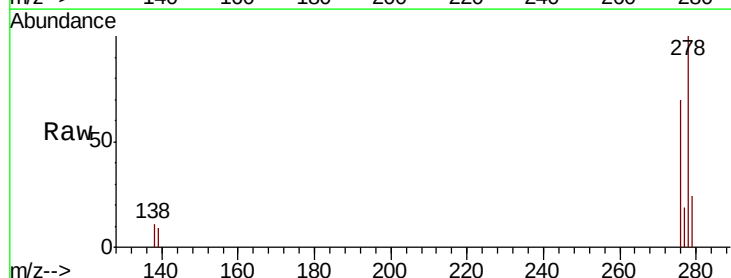
Tgt Ion:278 Resp: 19149

Ion Ratio Lower Upper

278 100

139 8.8 7.9 11.9

279 24.5 18.5 27.7

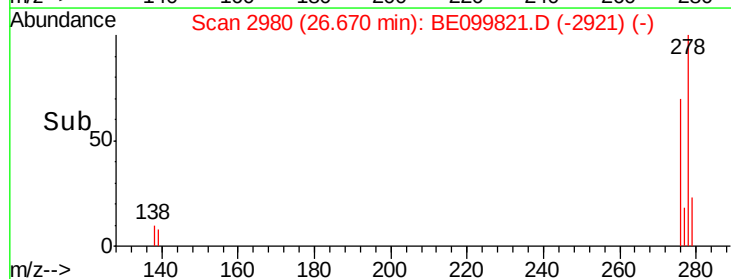
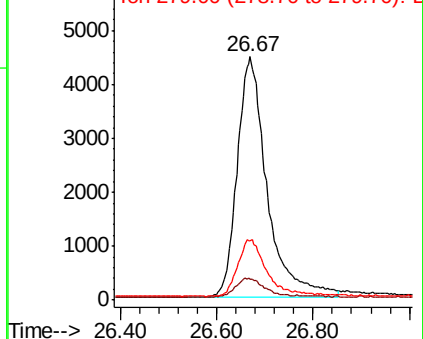


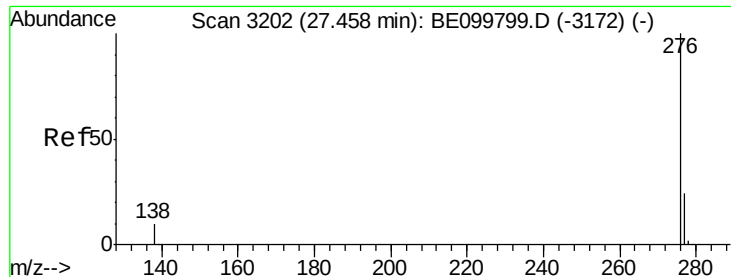
Abundance

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: 0.394 ng

RT: 27.47 min Scan# 3203

Delta R.T. 0.01 min

Lab File: BE099821.D

Acq: 6 Jun 2019 14:45

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20190604MSD

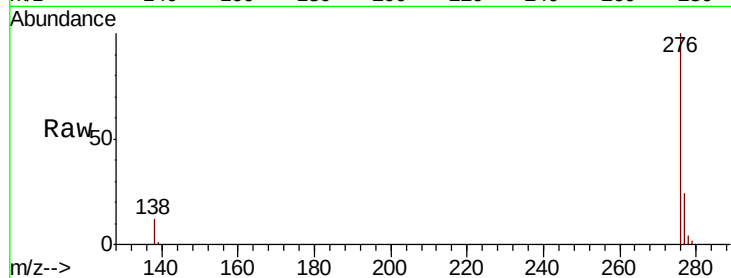
Tgt Ion: 276 Resp: 21196

Ion Ratio Lower Upper

276 100

277 24.4 19.6 29.4

138 11.6 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

