

Data File : BM010955.D
Acq On : 22 Jul 2017 02:47
Operator : SJ/JU
Sample : I4317-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP-1-TP-1-2-3-COMP

Quant Time: Jul 22 04:02:48 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM071217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 14:21:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	235860	20.00	ng	-0.03
21) Naphthalene-d8	10.18	136	678595	20.00	ng	-0.03
38) Acenaphthene-d10	14.07	164	95712	20.00	ng	-0.02
63) Phenanthrene-d10	16.83	188	405292	20.00	ng	-0.02
75) Chrysene-d12	21.04	240	42746	20.00	ng	-0.02
86) Perylene-d12	23.18	264	1323	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	1665905	117.00	ng	-0.02
7) Phenol-d6	6.62	99	506967	25.83	ng	-0.02
23) Nitrobenzene-d5	8.57	82	2166250	122.70	ng	-0.02
41) 2,4,6-Tribromophenol	15.58	330	1424054	973.61	ng	-0.02
44) 2-Fluorobiphenyl	12.69	172	4258601	553.51	ng	-0.02
78) Terphenyl-d14	19.49	244	1464782	662.76	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	13697	2.18	ng	# 100
25) Isophorone	9.13	82	70682	2.44	ng	# 84
79) Butylbenzylphthalate	20.21	149	5133	5.92	ng	# 80
82) Chrysene	21.09	228	8042	3.41	ng	# 7
87) Benzo(b)fluoranthene	22.54	252	2812	33.46	ng	# 1
88) Benzo(k)fluoranthene	22.58	252	1098	13.68	ng	# 1
89) Benzo(a)pyrene	23.10	252	647	8.46	ng	# 1
90) Dibenzo(a,h)anthracene	25.29	278	912	12.28	ng	# 53
91) Benzo(g,h,i)perylene	25.93	276	450	6.17	ng	# 41

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

Data File : BM010955.D

Acq On : 22 Jul 2017 02:47

Operator : SJ/JU

Sample : I4317-03

Misc :

ALS Vial : 19 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SP-1-TP-1-2-3-COMP

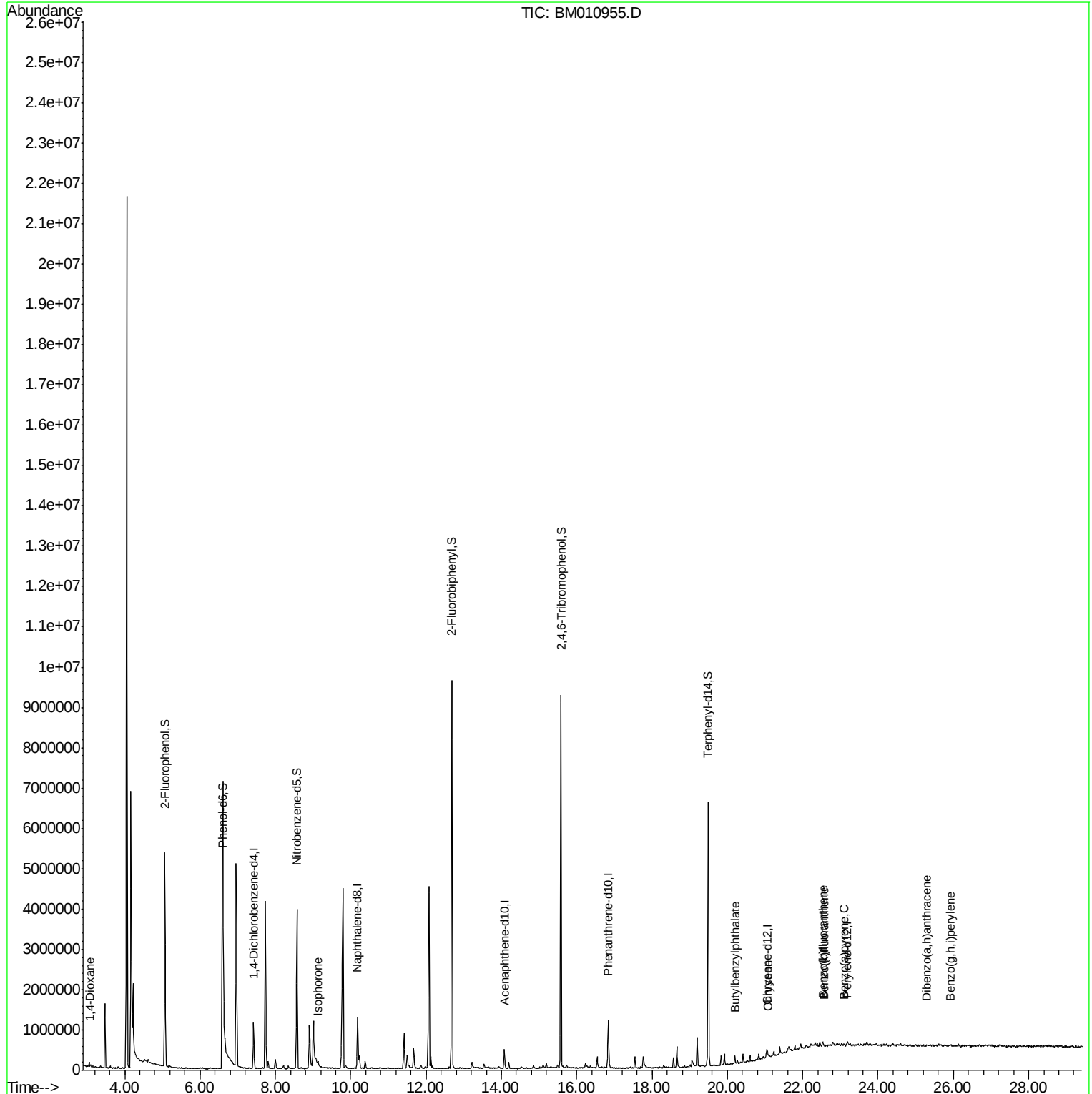
Quant Time: Jul 22 04:02:48 2017

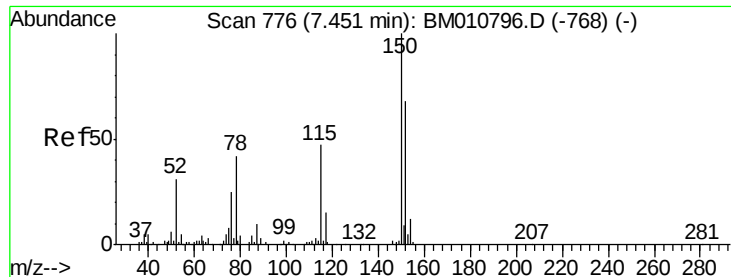
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM071217.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jul 12 14:21:16 2017

Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.42 min Scan# 771

Delta R.T. -0.03 min

Lab File: BM010955.D

Acq: 22 Jul 2017 02:47

Instrument :

BNA_M

ClientSampleId :

SP-1-TP-1-2-3-COMP

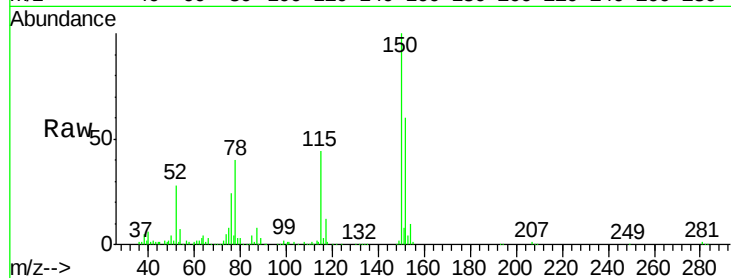
Tgt Ion:152 Resp: 235860

Ion Ratio Lower Upper

152 100

150 165.5 119.5 179.3

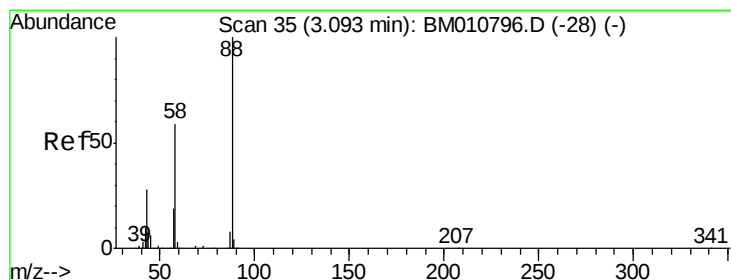
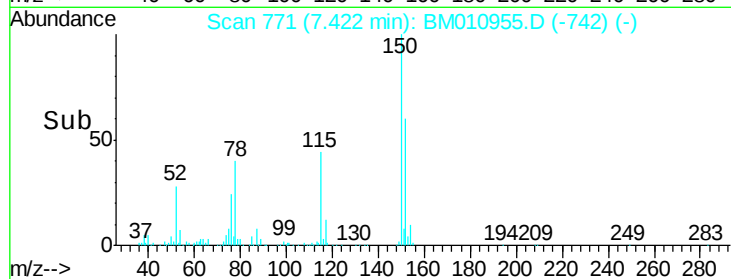
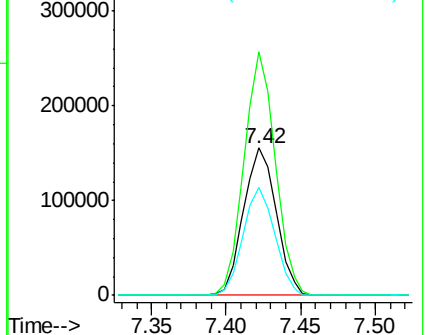
115 73.3 43.0 64.4#



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: 2.18 ng

RT: 3.09 min Scan# 34

Delta R.T. -0.01 min

Lab File: BM010955.D

Acq: 22 Jul 2017 02:47

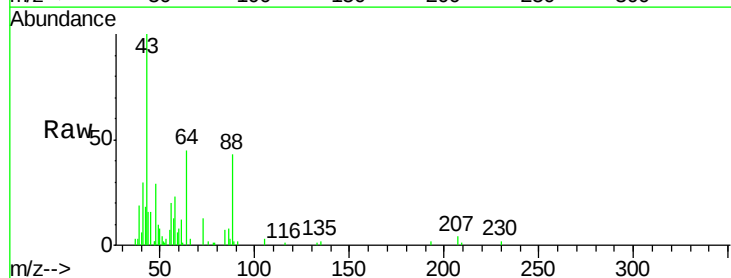
Tgt Ion: 88 Resp: 13697

Ion Ratio Lower Upper

88 100

58 62.0 0.0 0.0#

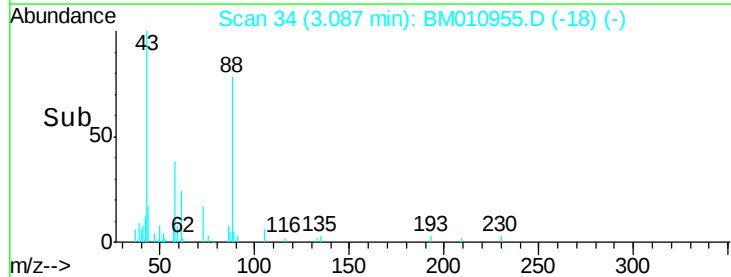
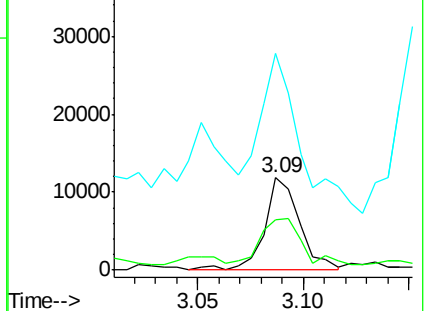
43 199.8 0.0 0.0#

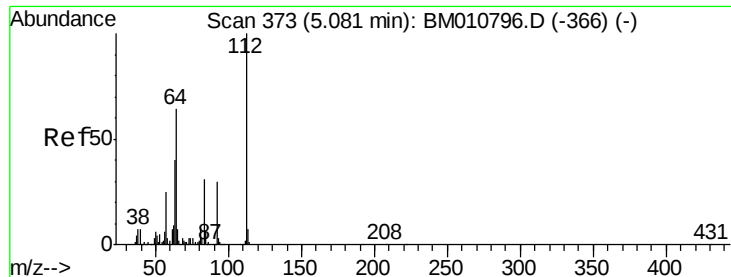


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#5

2-Fluorophenol

Concen: 117.00 ng

RT: 5.06 min Scan# 370

Delta R.T. -0.02 min

Lab File: BM010955.D

Acq: 22 Jul 2017 02:47

Instrument :

BNA_M

ClientSampleId :

SP-1-TP-1-2-3-COMP

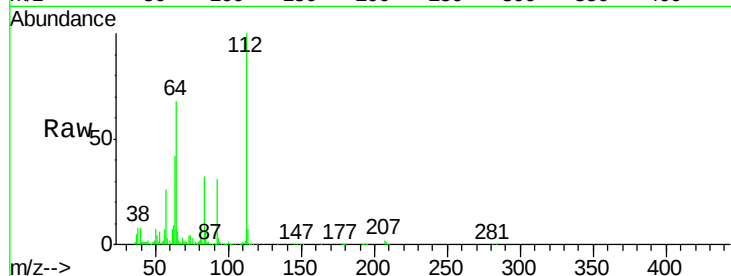
Tgt Ion: 112 Resp: 1665905

Ion Ratio Lower Upper

112 100

64 67.6 38.6 57.8#

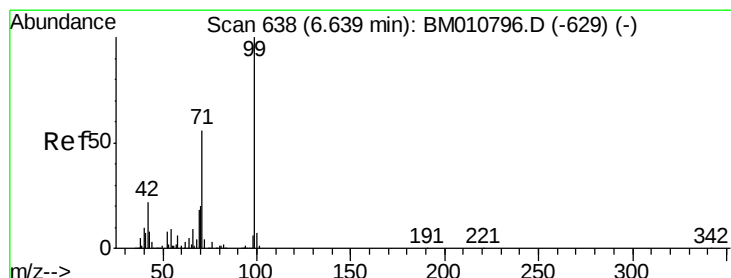
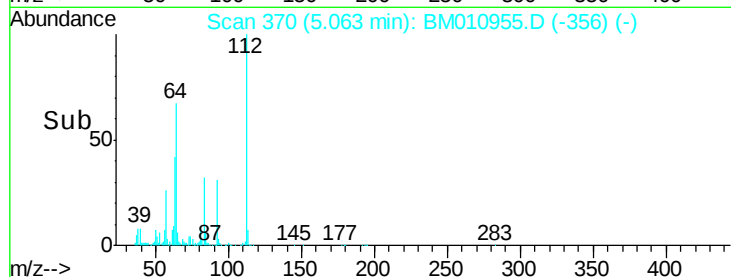
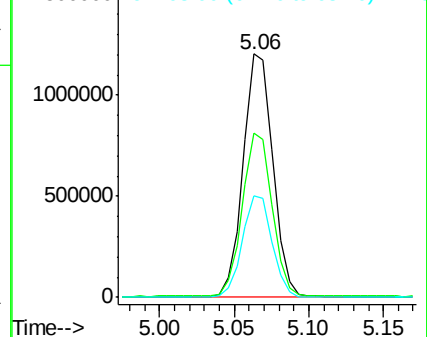
63 41.9 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#7

Phenol-d6

Concen: 25.83 ng

RT: 6.62 min Scan# 634

Delta R.T. -0.02 min

Lab File: BM010955.D

Acq: 22 Jul 2017 02:47

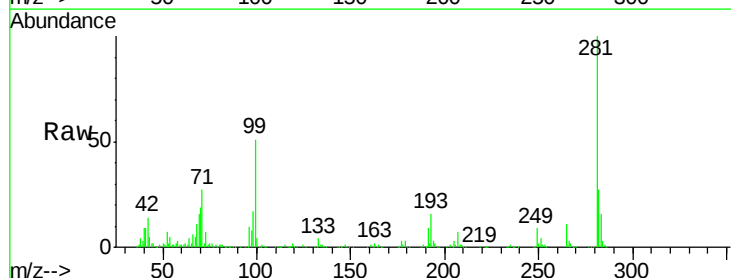
Tgt Ion: 99 Resp: 506967

Ion Ratio Lower Upper

99 100

42 27.0 11.0 16.4#

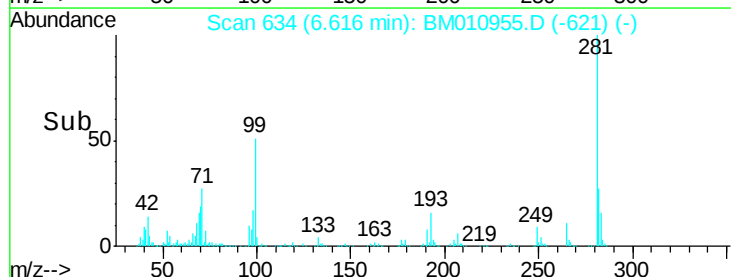
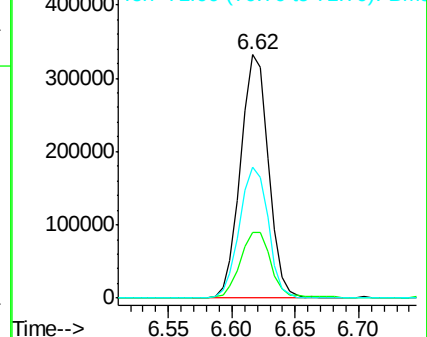
71 54.0 23.4 35.2#

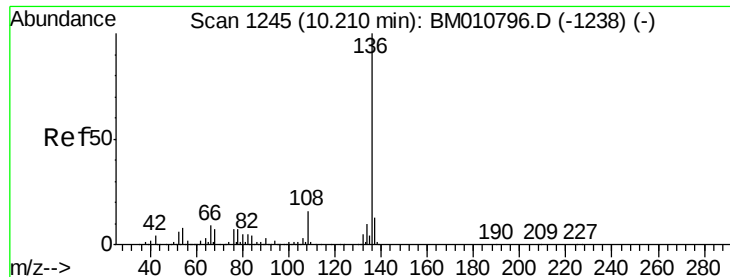


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B

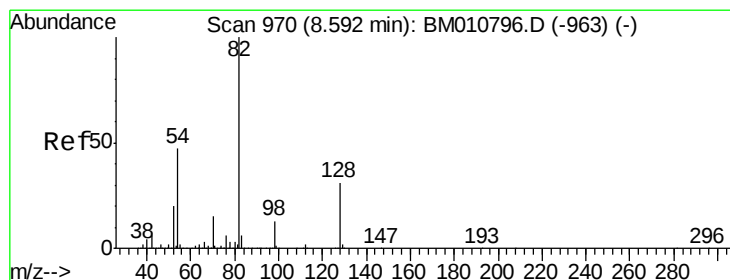
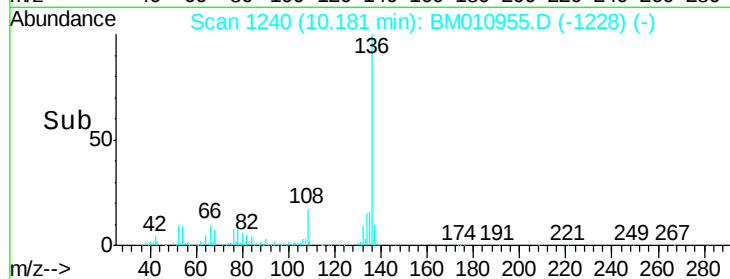
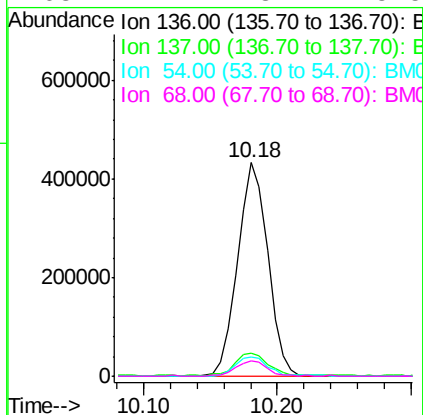
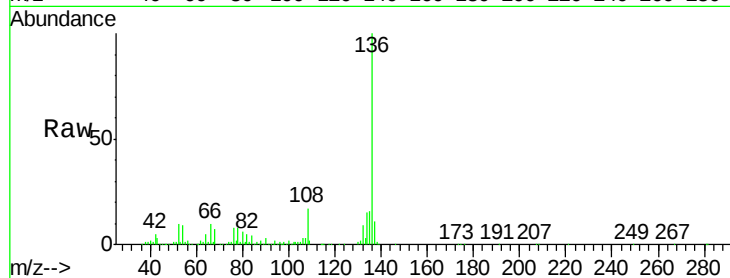




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.18 min Scan# 1240
Delta R.T. -0.03 min
Lab File: BM010955.D
Acq: 22 Jul 2017 02:47

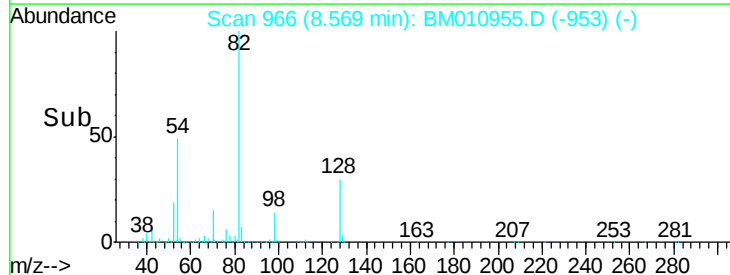
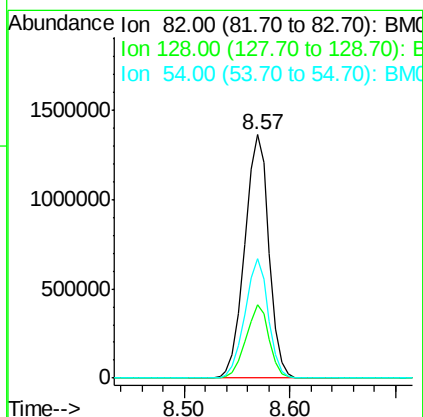
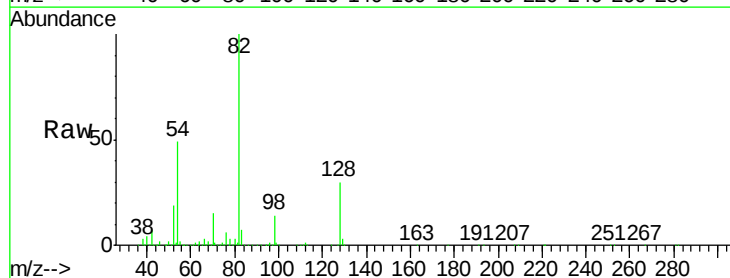
Instrument :
BNA_M
ClientSampleId :
SP-1-TP-1-2-3-COMP

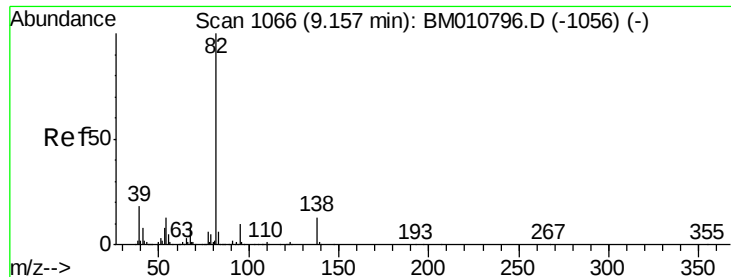
Tgt Ion:	136	Resp:	678595
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	9.1	4.6	6.8#
68	7.2	3.7	5.5#



#23
Nitrobenzene-d5
Concen: 122.70 ng
RT: 8.57 min Scan# 966
Delta R.T. -0.02 min
Lab File: BM010955.D
Acq: 22 Jul 2017 02:47

Tgt Ion:	82	Resp:	2166250
Ion	Ratio	Lower	Upper
82	100		
128	30.0	32.8	49.2#
54	49.2	40.6	60.8

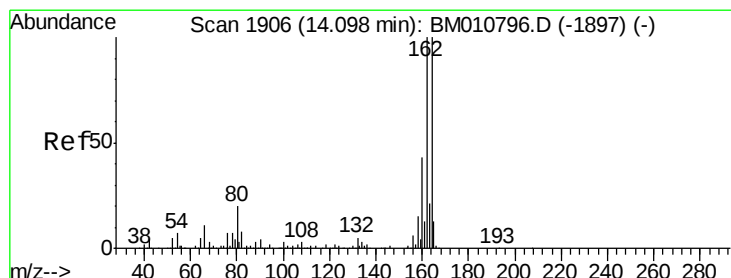
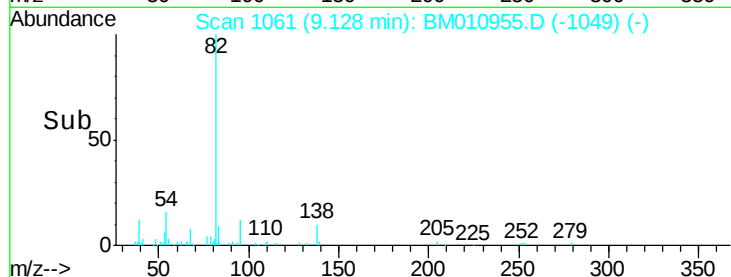
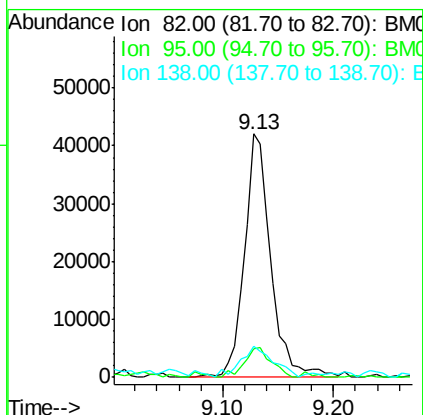
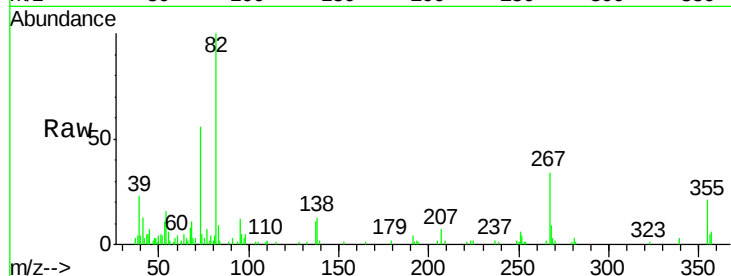




#25
Isophorone
Concen: 2.44 ng
RT: 9.13 min Scan# 1061
Delta R.T. -0.03 min
Lab File: BM010955.D
Acq: 22 Jul 2017 02:47

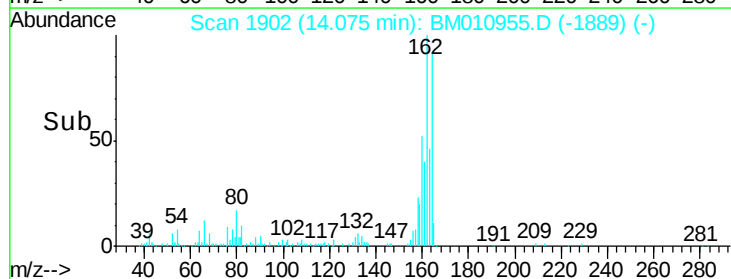
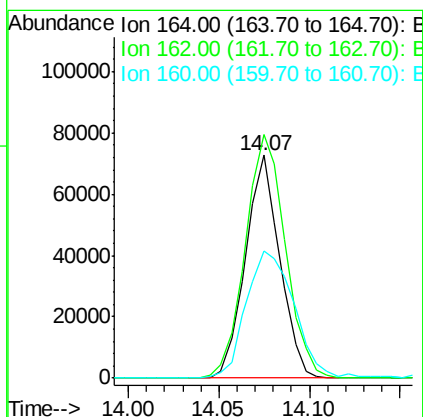
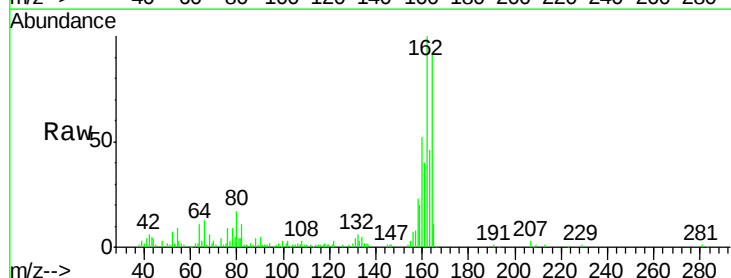
Instrument :
BNA_M
ClientSampleId :
SP-1-TP-1-2-3-COMP

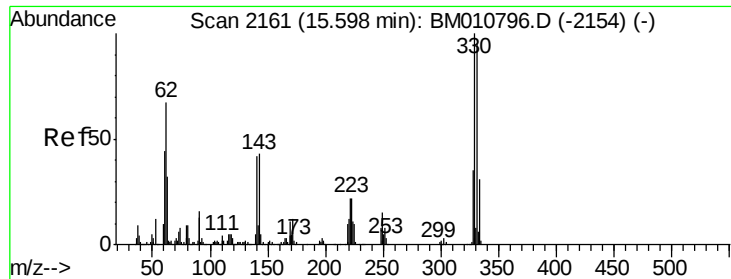
Tgt Ion: 82 Resp: 70682
Ion Ratio Lower Upper
82 100
95 11.7 5.8 8.6#
138 12.8 16.3 24.5#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.07 min Scan# 1902
Delta R.T. -0.02 min
Lab File: BM010955.D
Acq: 22 Jul 2017 02:47

Tgt Ion: 164 Resp: 95712
Ion Ratio Lower Upper
164 100
162 109.2 82.4 123.6
160 57.2 35.8 53.6#

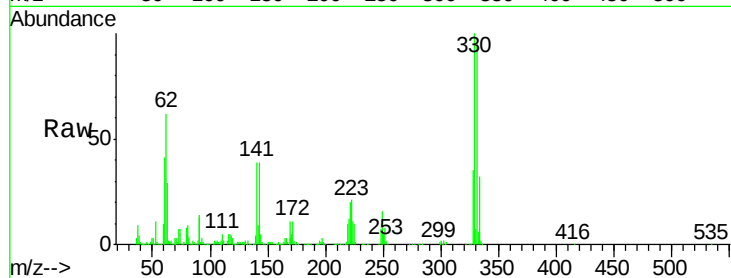




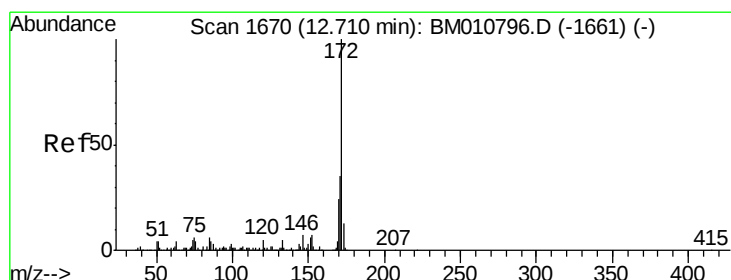
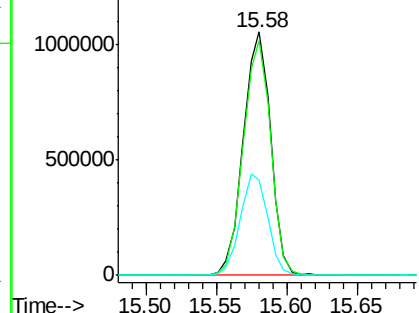
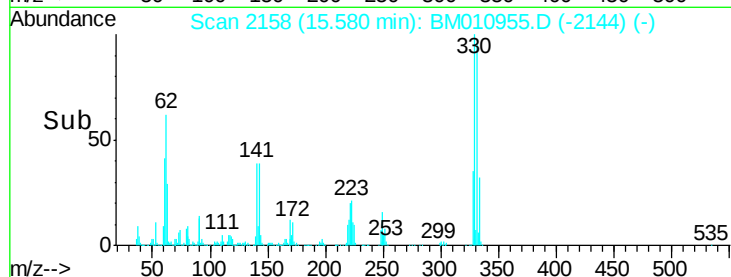
#41
 2,4,6-Tribromophenol
 Concen: 973.61 ng
 RT: 15.58 min Scan# 2158
 Delta R.T. -0.02 min
 Lab File: BM010955.D
 Acq: 22 Jul 2017 02:47

Instrument :
 BNA_M
 ClientSampleId :
 SP-1-TP-1-2-3-COMP

Tgt Ion:330 Resp: 1424054
 Ion Ratio Lower Upper
 330 100
 332 96.7 0.0 0.0#
 141 41.8 0.0 0.0#

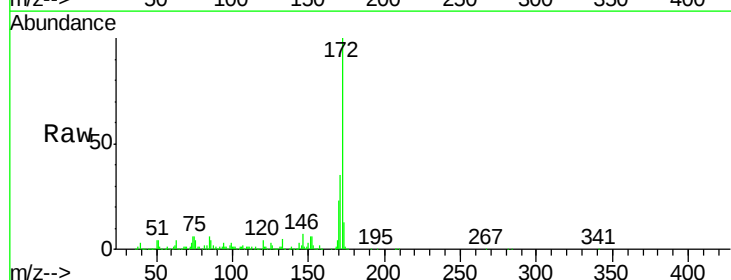


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

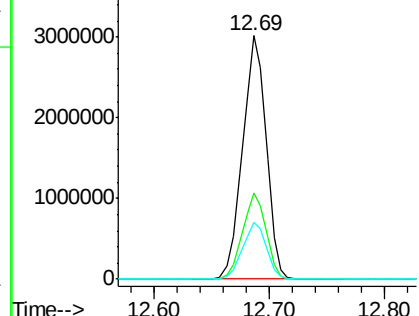
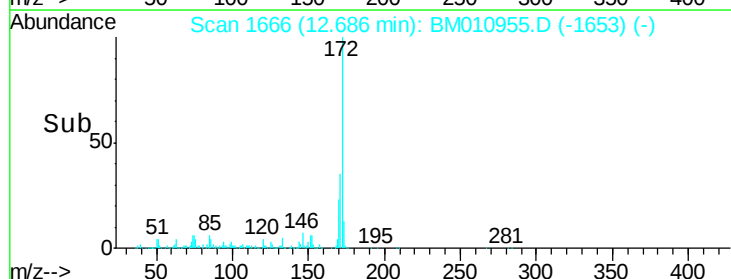


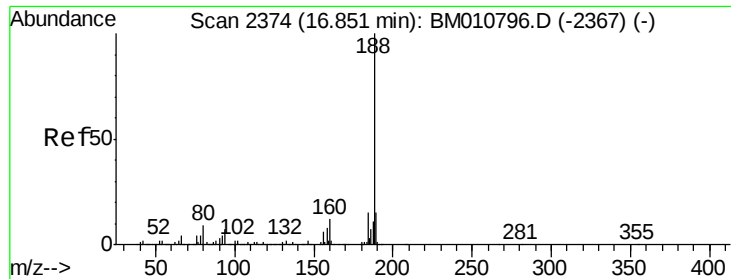
#44
 2-Fluorobiphenyl
 Concen: 553.51 ng
 RT: 12.69 min Scan# 1666
 Delta R.T. -0.02 min
 Lab File: BM010955.D
 Acq: 22 Jul 2017 02:47

Tgt Ion:172 Resp: 4258601
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.5 42.7
 170 23.5 18.8 28.2



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.83 min Scan# 2370

Delta R.T. -0.02 min

Lab File: BM010955.D

Acq: 22 Jul 2017 02:47

Instrument :

BNA_M

ClientSampleId :

SP-1-TP-1-2-3-COMP

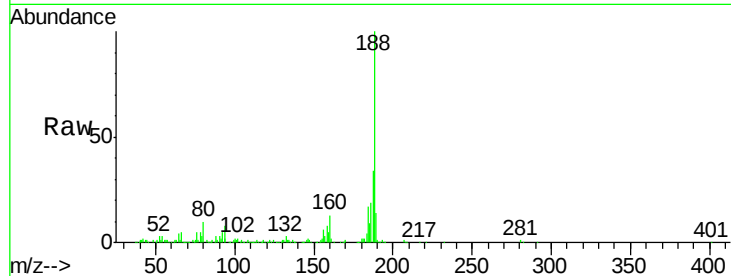
Tgt Ion:188 Resp: 405292

Ion Ratio Lower Upper

188 100

94 8.5 8.7 13.1#

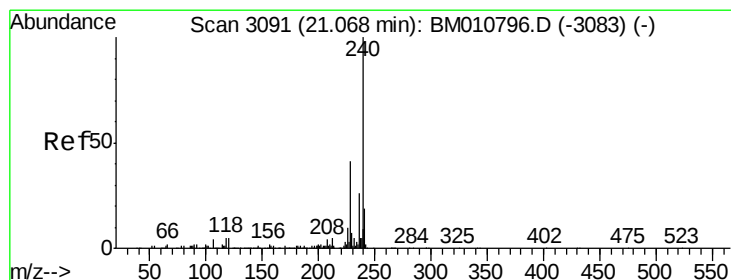
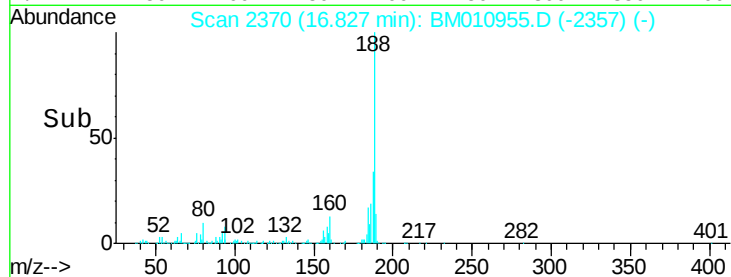
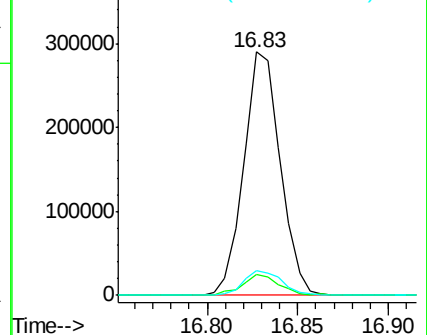
80 10.3 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.04 min Scan# 3087

Delta R.T. -0.02 min

Lab File: BM010955.D

Acq: 22 Jul 2017 02:47

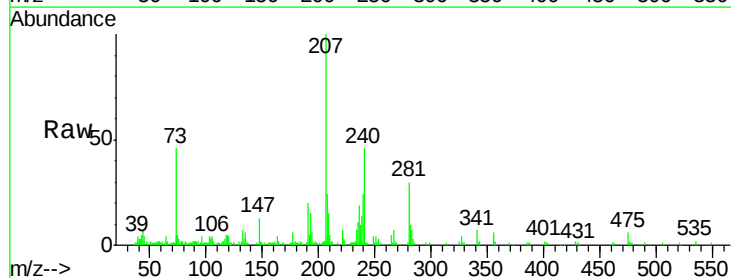
Tgt Ion:240 Resp: 42746

Ion Ratio Lower Upper

240 100

120 8.9 8.2 12.2

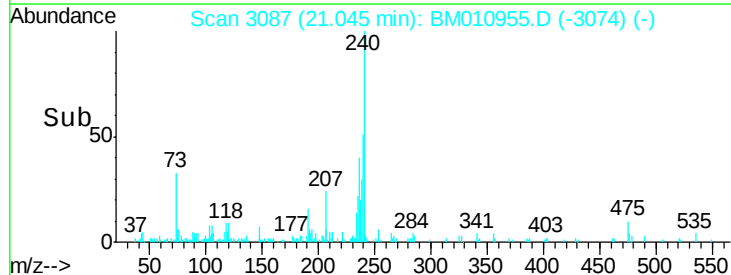
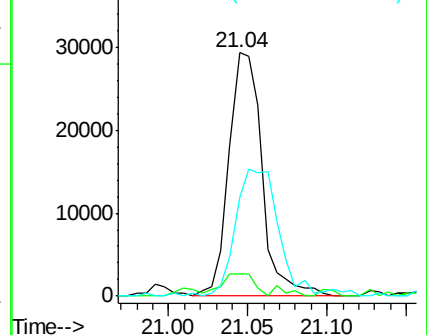
236 40.5 20.0 30.0#

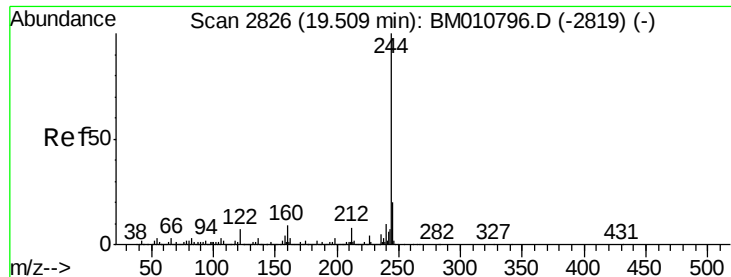


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 662.76 ng

RT: 19.49 min Scan# 2823

Delta R.T. -0.02 min

Lab File: BM010955.D

Acq: 22 Jul 2017 02:47

Instrument :

BNA_M

ClientSampleId :

SP-1-TP-1-2-3-COMP

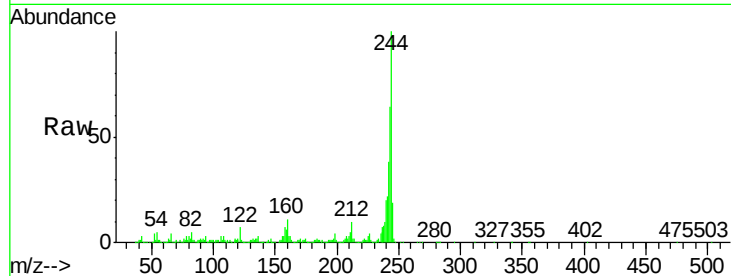
Tgt Ion:244 Resp: 1464782

Ion Ratio Lower Upper

244 100

212 9.8 4.9 7.3#

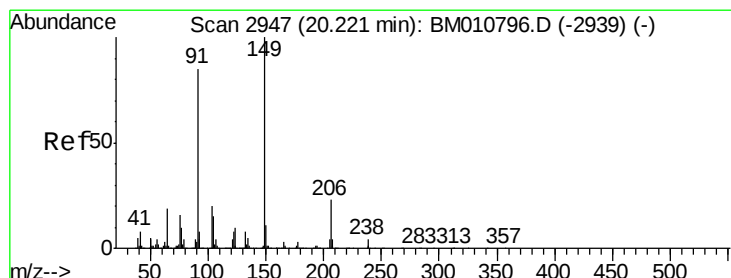
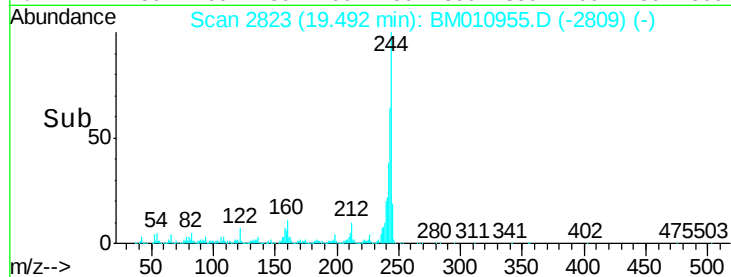
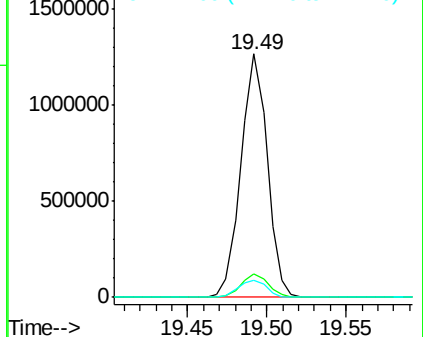
122 7.2 6.2 9.4



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



#79

Butylbenzylphthalate

Concen: 5.92 ng

RT: 20.21 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BM010955.D

Acq: 22 Jul 2017 02:47

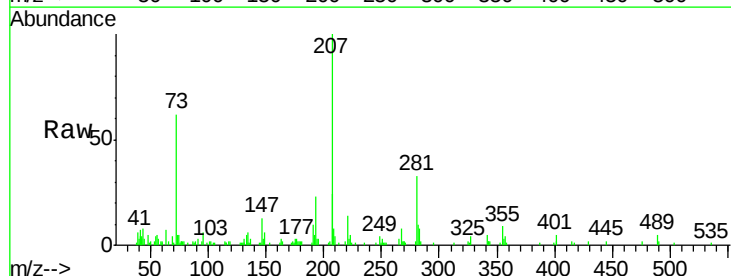
Tgt Ion:149 Resp: 5133

Ion Ratio Lower Upper

149 100

91 52.8 50.1 75.1

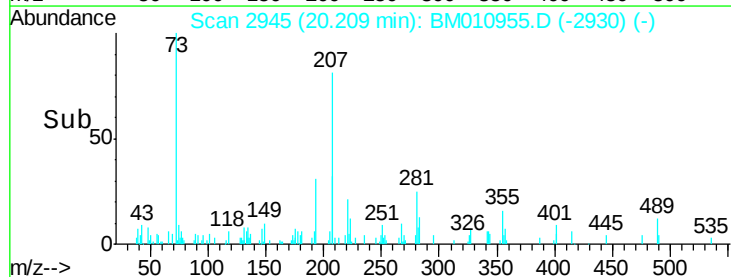
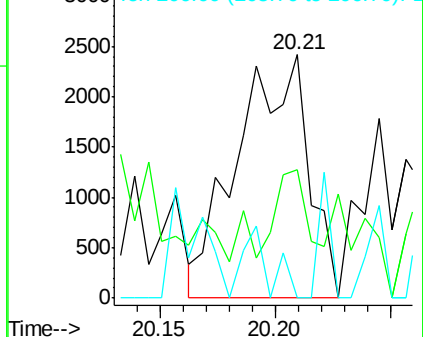
206 0.0 16.2 24.2#

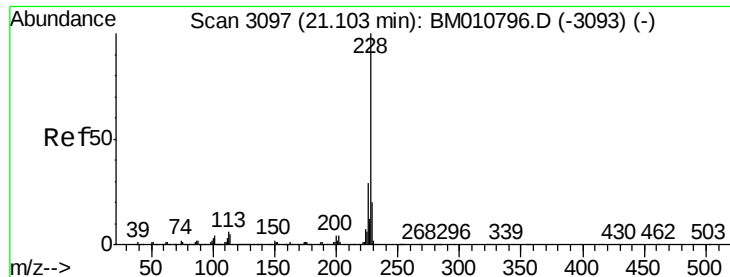


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#82

Chrysene

Concen: 3.41 ng

RT: 21.09 min Scan# 3094

Delta R.T. -0.02 min

Lab File: BM010955.D

Acq: 22 Jul 2017 02:47

Instrument :

BNA_M

ClientSampleId :

SP-1-TP-1-2-3-COMP

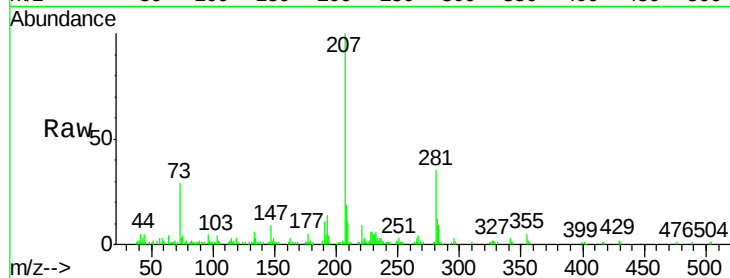
Tgt Ion:228 Resp: 8042

Ion Ratio Lower Upper

228 100

226 15.8 24.1 36.1#

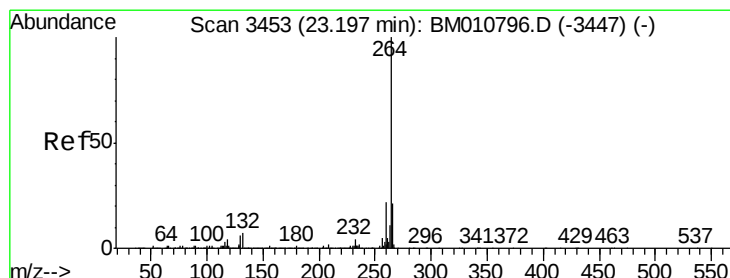
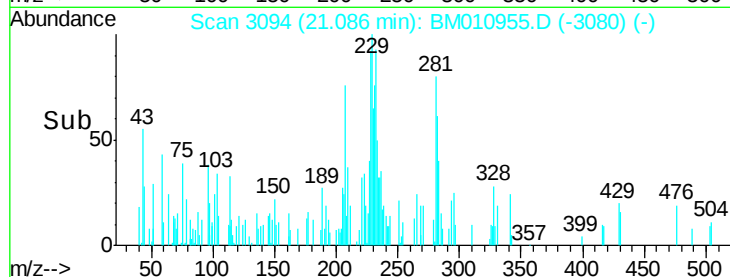
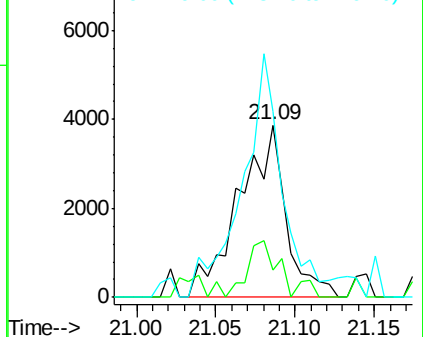
229 108.4 15.5 23.3#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.18 min Scan# 3450

Delta R.T. -0.02 min

Lab File: BM010955.D

Acq: 22 Jul 2017 02:47

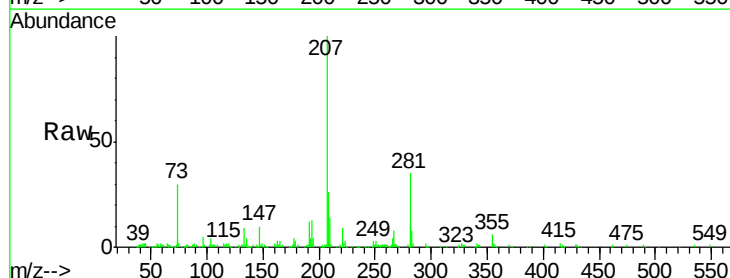
Tgt Ion:264 Resp: 1323

Ion Ratio Lower Upper

264 100

260 150.6 18.6 27.8#

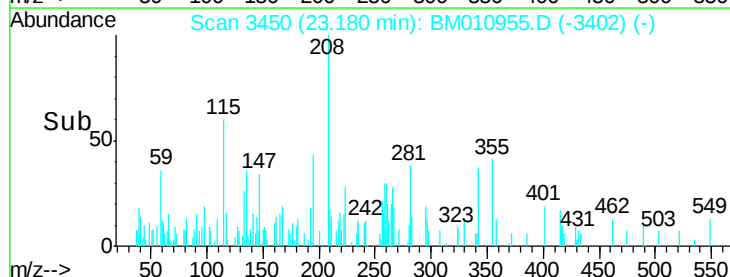
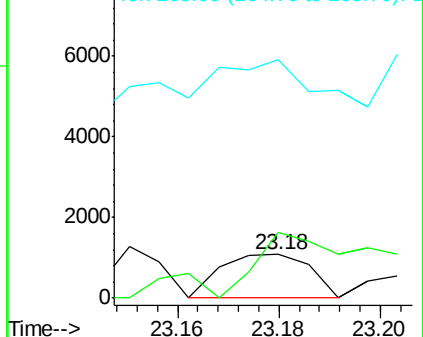
265 547.9 17.3 25.9#

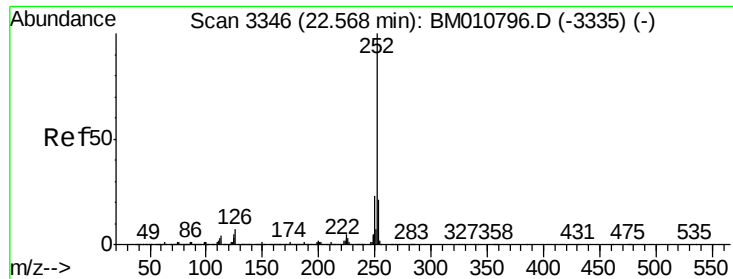


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 33.46 ng

RT: 22.54 min Scan# 3342

Delta R.T. -0.02 min

Lab File: BM010955.D

Acq: 22 Jul 2017 02:47

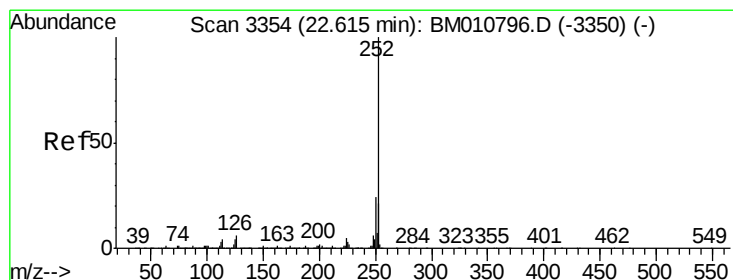
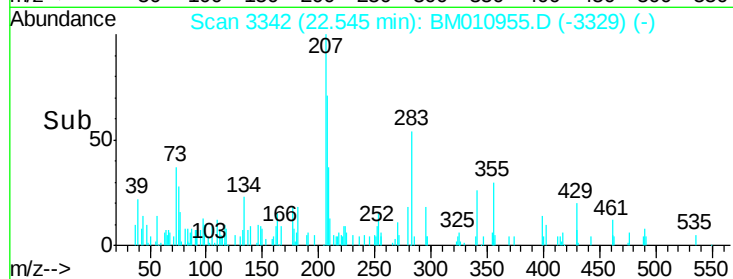
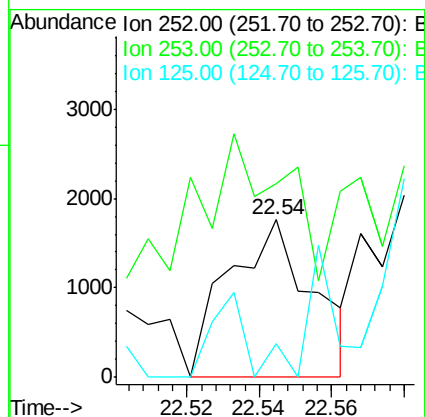
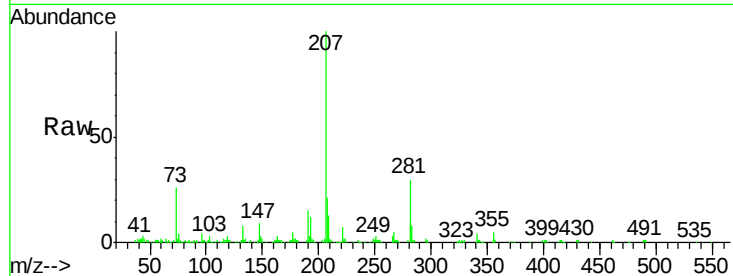
Instrument :

BNA_M

ClientSampleId :

SP-1-TP-1-2-3-COMP

Tgt Ion:	252	Resp:	2812
Ion Ratio	Lower	Upper	
252	100		
253	122.7	18.0	27.0#
125	21.5	9.9	14.9#



#88

Benzo(k)fluoranthene

Concen: 13.68 ng

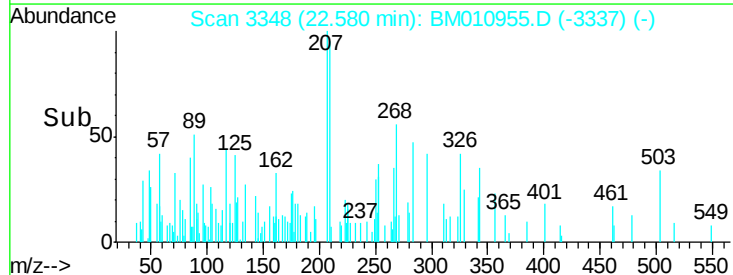
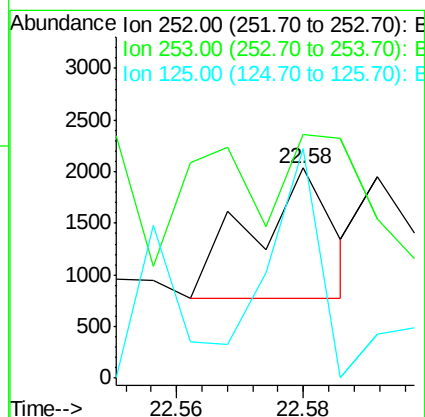
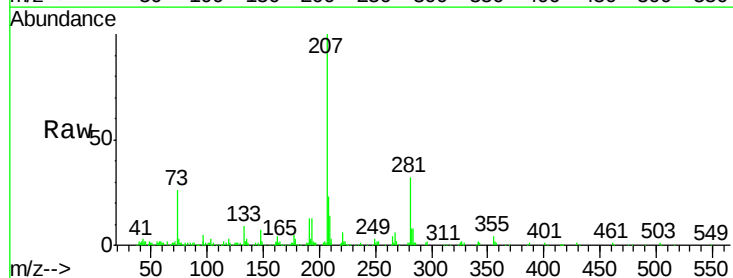
RT: 22.58 min Scan# 3348

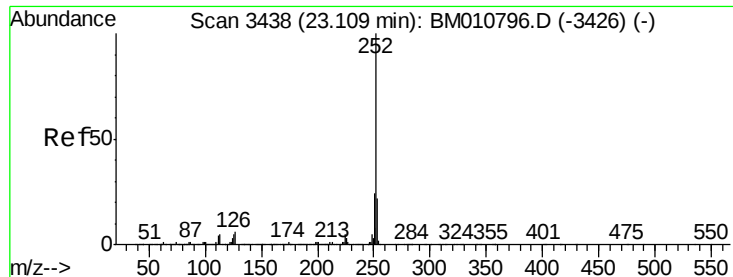
Delta R.T. -0.04 min

Lab File: BM010955.D

Acq: 22 Jul 2017 02:47

Tgt Ion:	252	Resp:	1098
Ion Ratio	Lower	Upper	
252	100		
253	115.9	17.2	25.8#
125	109.1	8.1	12.1#





#89

Benzo(a)pyrene

Concen: 8.46 ng

RT: 23.10 min Scan# 3437

Delta R.T. -0.01 min

Lab File: BM010955.D

Acq: 22 Jul 2017 02:47

Instrument :

BNA_M

ClientSampleId :

SP-1-TP-1-2-3-COMP

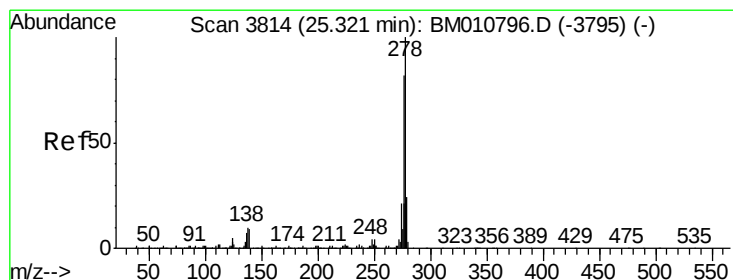
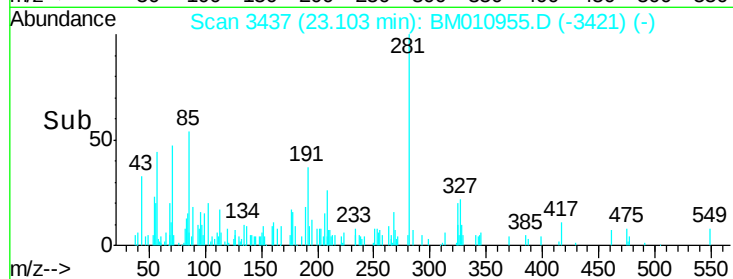
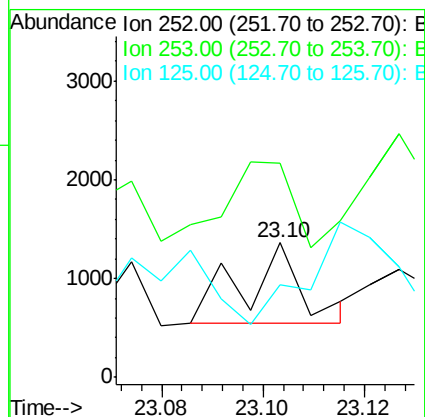
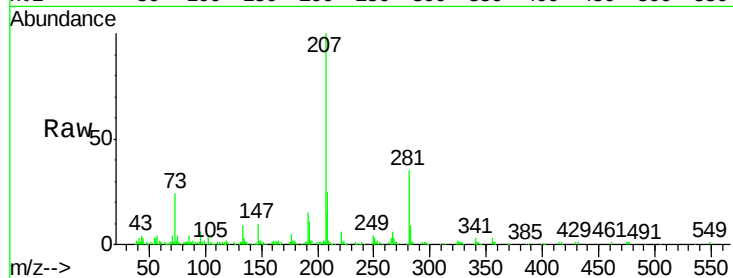
Tgt Ion:252 Resp: 647

Ion Ratio Lower Upper

252 100

253 159.2 17.6 26.4#

125 68.5 7.4 11.2#



#90

Dibenzo(a,h)anthracene

Concen: 12.28 ng

RT: 25.29 min Scan# 3808

Delta R.T. -0.04 min

Lab File: BM010955.D

Acq: 22 Jul 2017 02:47

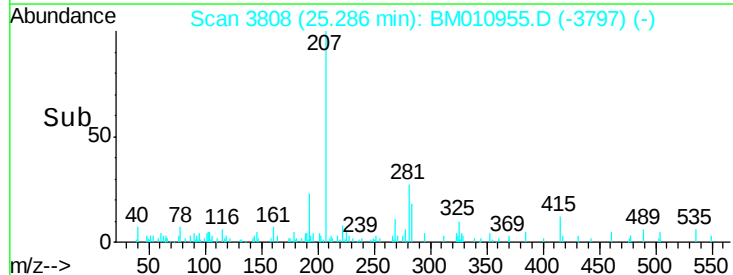
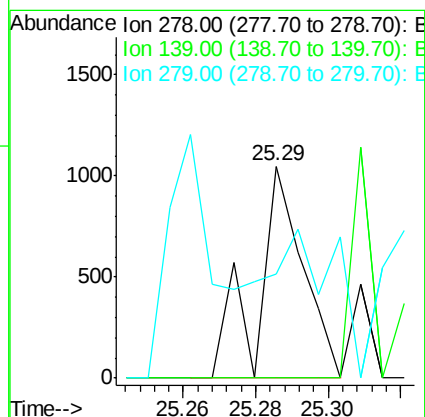
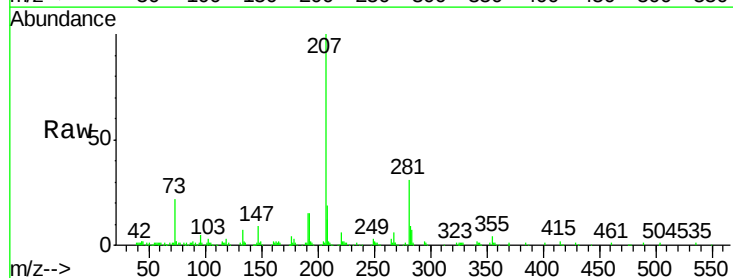
Tgt Ion:278 Resp: 912

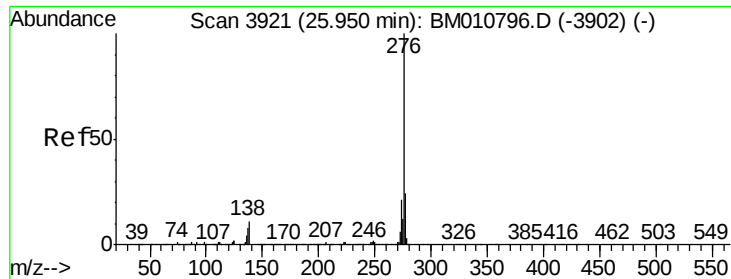
Ion Ratio Lower Upper

278 100

139 0.0 13.4 20.0#

279 49.3 19.0 28.4#





#91

Benzo(g,h,i)perylene

Concen: 6.17 ng

RT: 25.93 min Scan# 3917

Delta R.T. -0.02 min

Lab File: BM010955.D

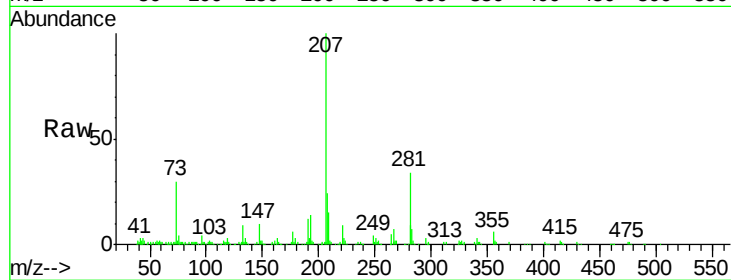
Acq: 22 Jul 2017 02:47

Instrument :

BNA_M

ClientSampleId :

SP-1-TP-1-2-3-COMP



Tgt Ion:	276	Resp:	450
Ion	Ratio	Lower	Upper
276	100		
277	56.8	18.5	27.7#
138	0.0	19.0	28.6#

