

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
 Data File : BM029096.D
 Acq On : 11 Mar 2021 15:52
 Operator : CG/JU
 Sample : M1624-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FLOORS-5

Quant Time: Mar 11 16:24:54 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 09 10:08:02 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

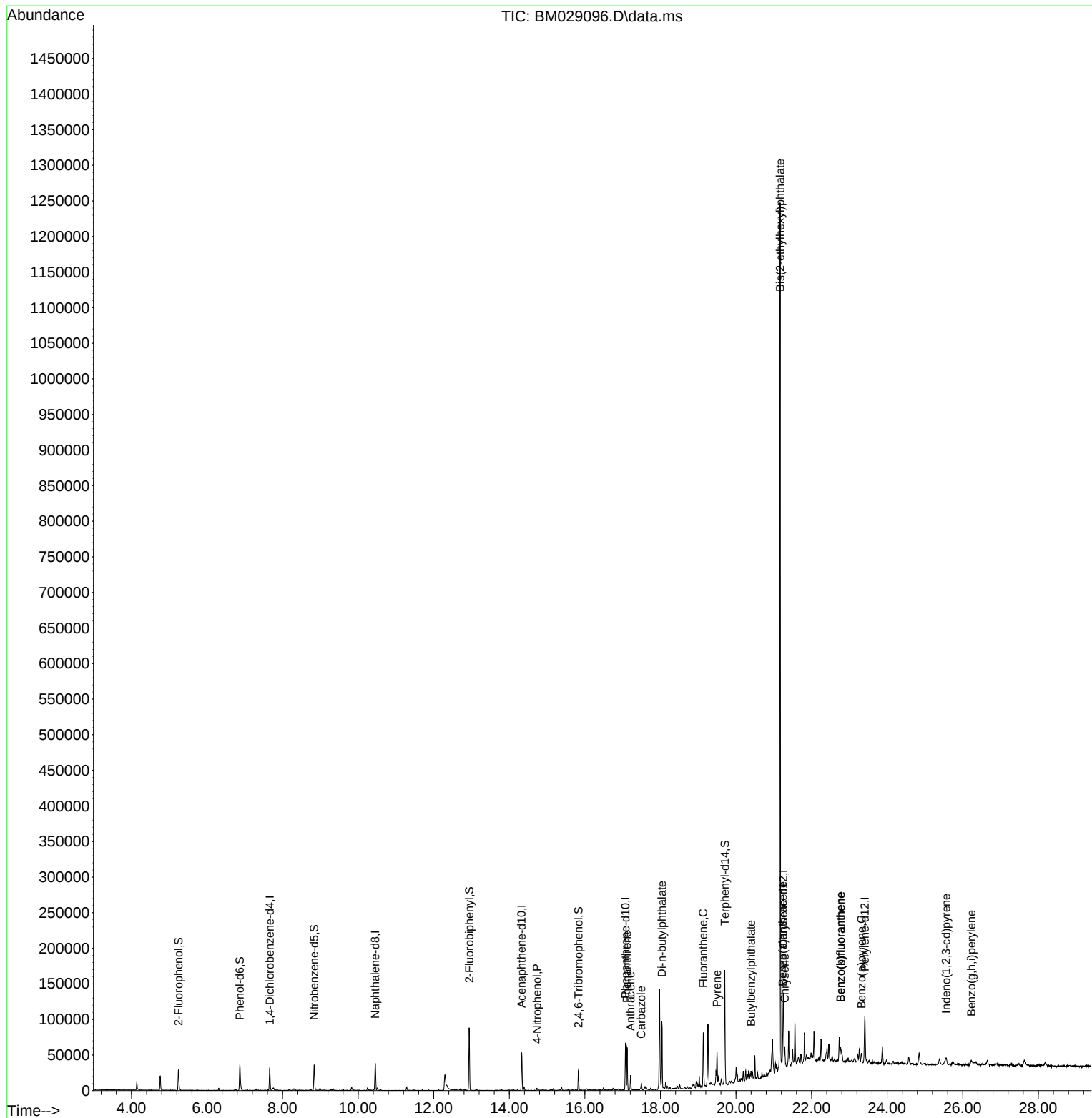
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	8103	20.00	ng	0.00
21) Naphthalene-d8	10.451	136	30812	20.00	ng	#-0.01
39) Acenaphthene-d10	14.327	164	17455	20.00	ng	-0.01
64) Phenanthrene-d10	17.074	188	36762	20.00	ng	-0.01
76) Chrysene-d12	21.250	240	37717	20.00	ng	#-0.01
86) Perylene-d12	23.409	264	38971	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	13149	26.90	ng	0.00
7) Phenol-d6	6.869	99	19983	30.95	ng	0.00
23) Nitrobenzene-d5	8.834	82	18854	33.01	ng	-0.01
42) 2,4,6-Tribromophenol	15.833	330	4416	21.35	ng	0.00
45) 2-Fluorobiphenyl	12.939	172	42317	32.27	ng	-0.01
79) Terphenyl-d14	19.703	244	64074	31.37	ng	0.00
Target Compounds						
						Qvalue
56) 4-Nitrophenol	14.733	139	1089	4.42	ng	# 1
71) Phenanthrene	17.115	178	34513	15.77	ng	99
72) Anthracene	17.209	178	12660	5.84	ng	97
73) Carbazole	17.492	167	6133	2.95	ng	97
74) Di-n-butylphthalate	18.039	149	62213	26.30	ng	100
75) Fluoranthene	19.133	202	36143	15.02	ng	96
78) Pyrene	19.498	202	27868	10.06	ng	99
80) Butylbenzylphthalate	20.397	149	2552	2.14	ng	90
81) Benzo(a)anthracene	21.239	228	12084	4.62	ng	99
83) Chrysene	21.292	228	13165	5.16	ng	97
84) Bis(2-ethylhexyl)phtha...	21.168	149	385539	224.61	ng	# 96
87) Indeno(1,2,3-cd)pyrene	25.556	276	6278	2.13	ng	# 92
88) Benzo(b)fluoranthene	22.768	252	19338	7.02	ng	# 93
89) Benzo(k)fluoranthene	22.768	252	19338	7.39	ng	# 93
90) Benzo(a)pyrene	23.321	252	8994	3.58	ng	# 96
92) Benzo(g,h,i)perylene	26.227	276	5984	2.42	ng	# 92

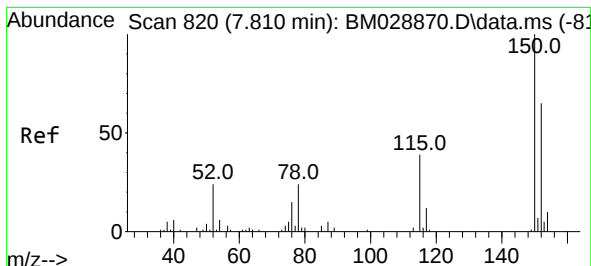
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029096.D
Acq On : 11 Mar 2021 15:52
Operator : CG/JU
Sample : M1624-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FLOORS-5

Quant Time: Mar 11 16:24:54 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 09 10:08:02 2021
Response via : Initial Calibration

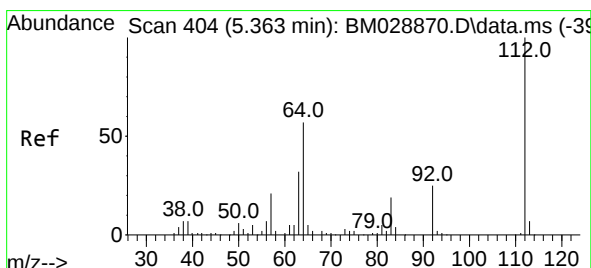
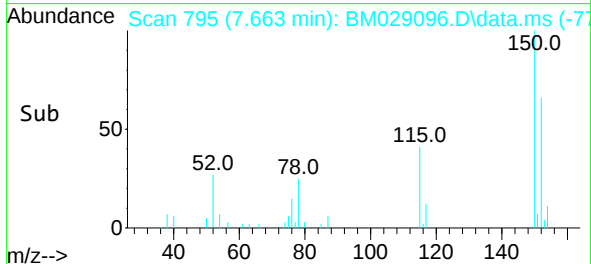
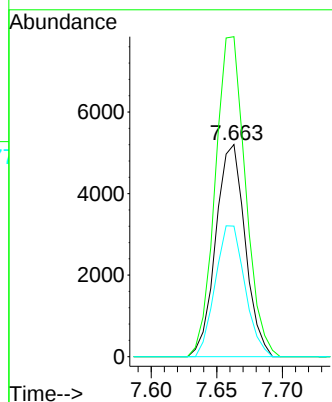
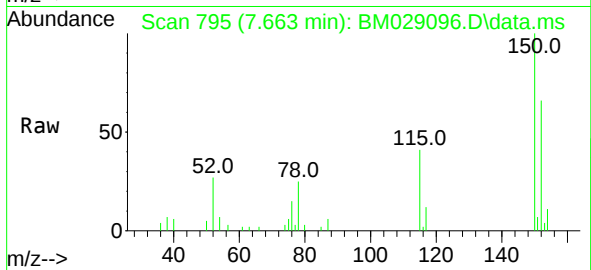




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 795
Delta R.T. -0.006 min
Lab File: BM029096.D
Acq: 11 Mar 2021 15:52

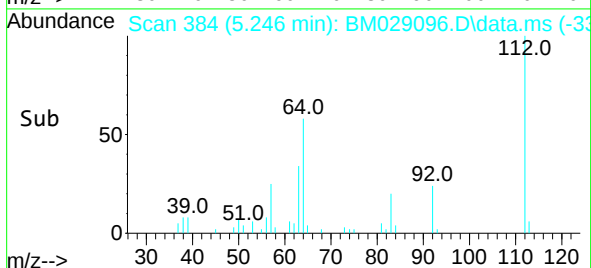
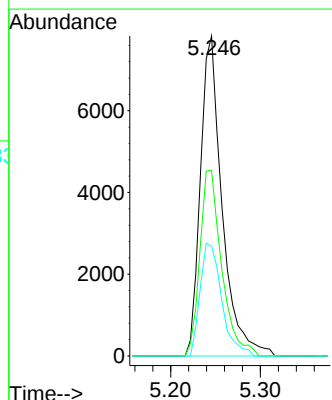
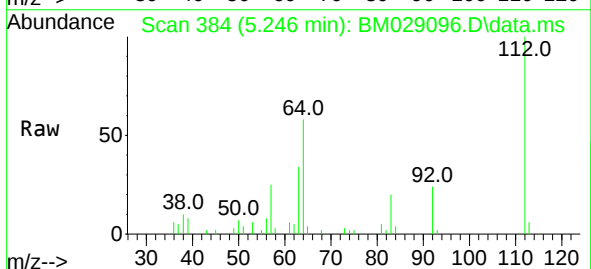
Instrument :
BNA_M
ClientSampled :
FLOORS-5

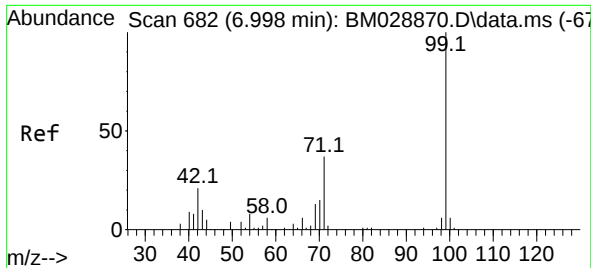
Tgt Ion:152 Resp: 8103
Ion Ratio Lower Upper
152 100
150 150.8 120.6 181.0
115 61.5 47.2 70.8



#5
2-Fluorophenol
Concen: 26.90 ng
RT: 5.246 min Scan# 384
Delta R.T. -0.000 min
Lab File: BM029096.D
Acq: 11 Mar 2021 15:52

Tgt Ion:112 Resp: 13149
Ion Ratio Lower Upper
112 100
64 58.1 50.6 76.0
63 34.3 31.0 46.6

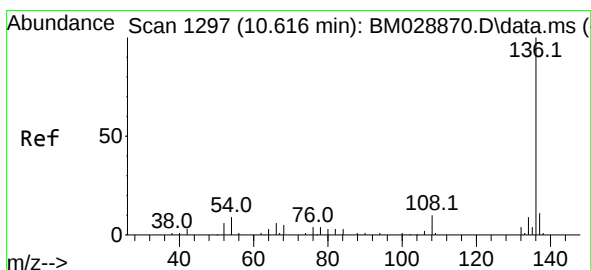
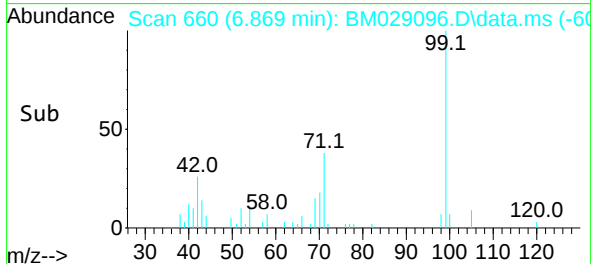
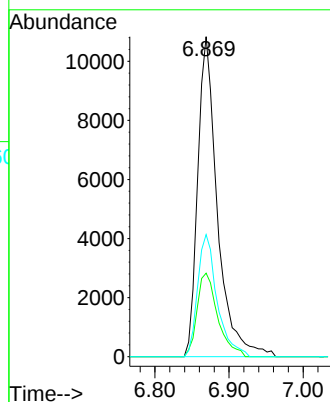
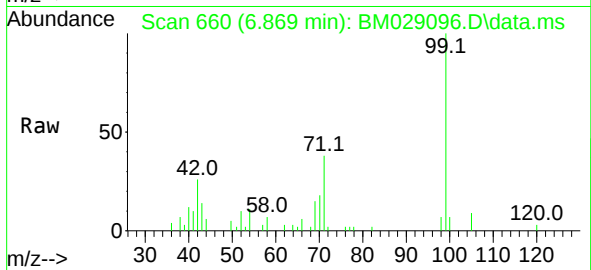




#7
Phenol-d6
Concen: 30.95 ng
RT: 6.869 min Scan# 660
Delta R.T. -0.000 min
Lab File: BM029096.D
Acq: 11 Mar 2021 15:52

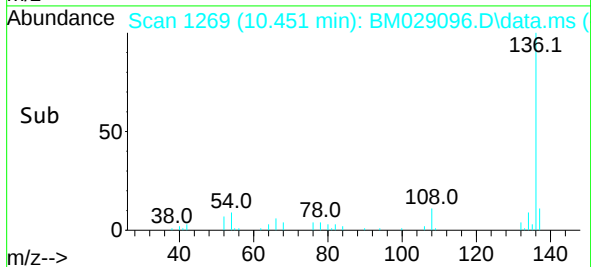
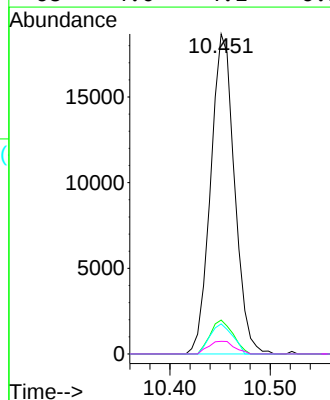
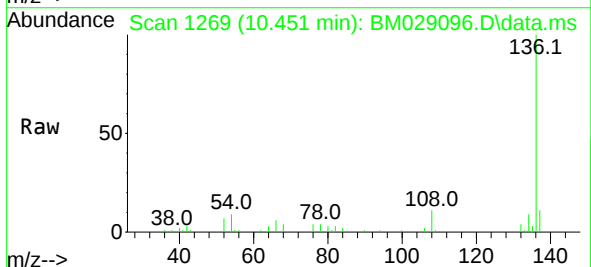
Instrument :
BNA_M
ClientSampleId :
FLOORS-5

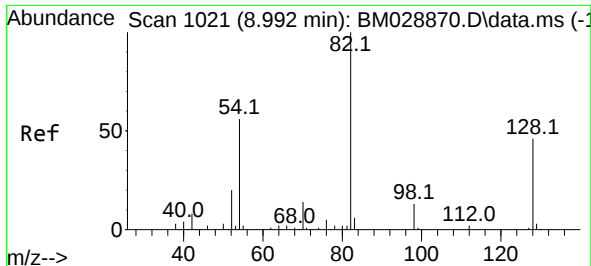
Tgt Ion: 99 Resp: 19983
Ion Ratio Lower Upper
99 100
42 26.1 13.5 20.3#
71 38.2 39.4 59.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.451 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BM029096.D
Acq: 11 Mar 2021 15:52

Tgt Ion: 136 Resp: 30812
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 9.4 4.6 7.0#
68 4.0 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 33.01 ng

RT: 8.834 min Scan# 994

Delta R.T. -0.012 min

Lab File: BM029096.D

Acq: 11 Mar 2021 15:52

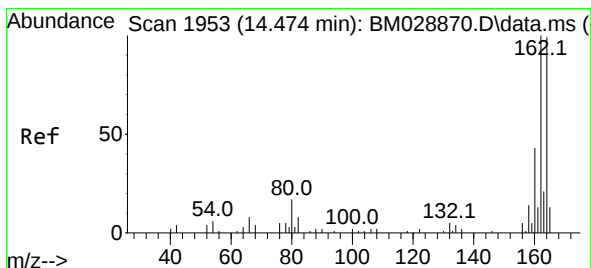
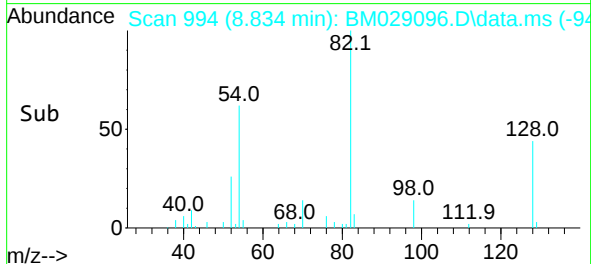
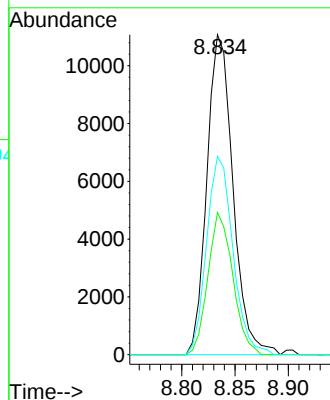
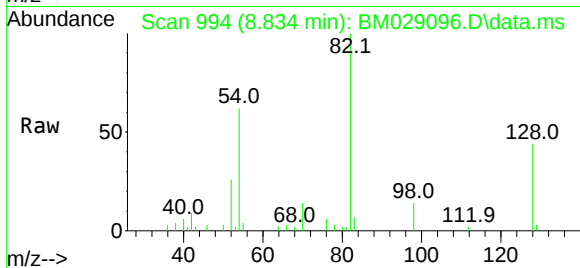
Tgt Ion:	82	Resp:	18854
Ion	Ratio	Lower	Upper
82	100		
128	44.5	27.4	41.0#
54	61.9	31.4	47.0#

Instrument :

BNA_M

ClientSampleId :

FLOORS-5



#39

Acenaphthene-d10

Concen: 20.00 ng

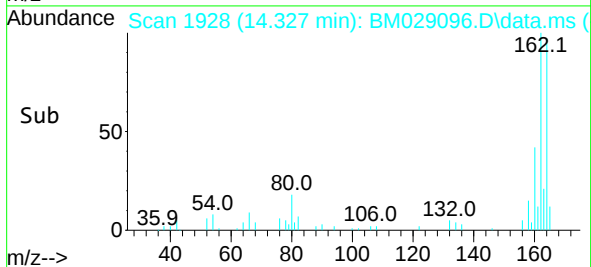
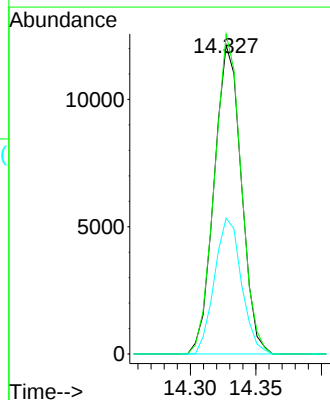
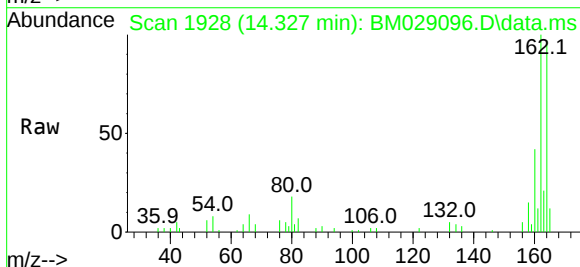
RT: 14.327 min Scan# 1928

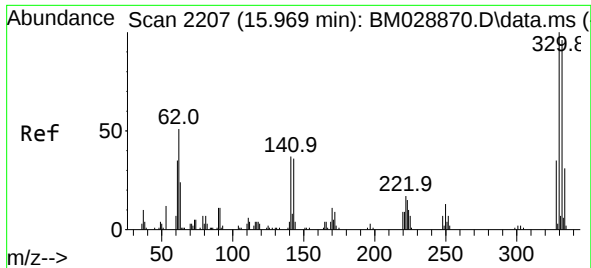
Delta R.T. -0.012 min

Lab File: BM029096.D

Acq: 11 Mar 2021 15:52

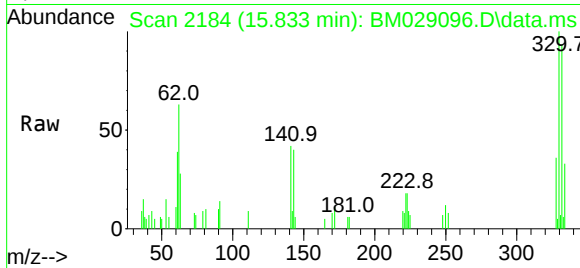
Tgt Ion:	164	Resp:	17455
Ion	Ratio	Lower	Upper
164	100		
162	103.6	80.4	120.6
160	44.0	35.9	53.9



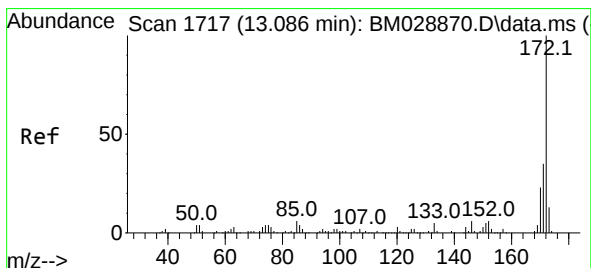
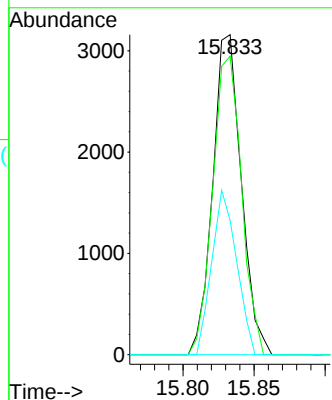
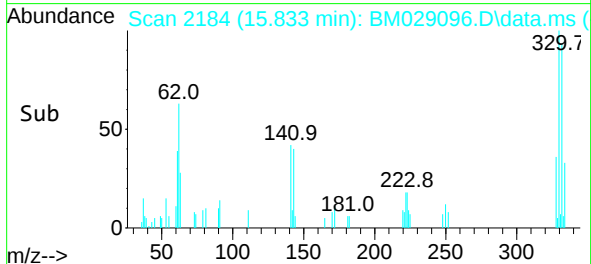


#42
2,4,6-Tribromophenol
Concen: 21.35 ng
RT: 15.833 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BM029096.D
Acq: 11 Mar 2021 15:52

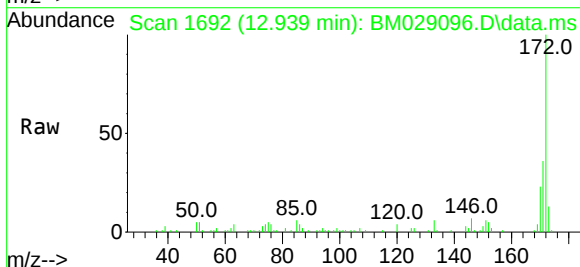
Instrument :
BNA_M
ClientSampleId :
FLOORS-5



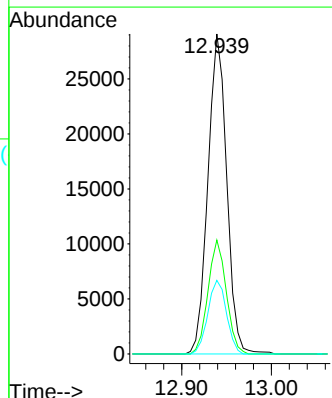
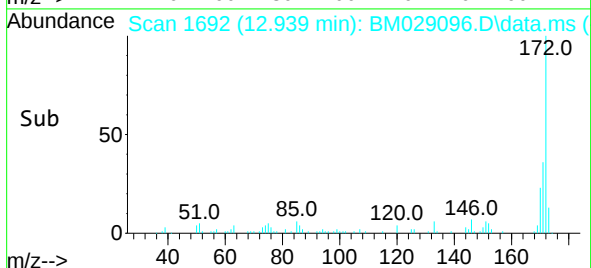
Tgt Ion:330 Resp: 4416
Ion Ratio Lower Upper
330 100
332 94.1 77.8 116.8
141 44.5 28.4 42.6#

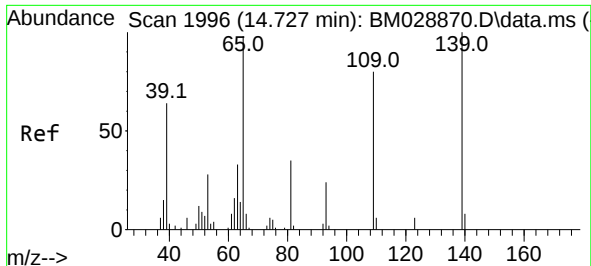


#45
2-Fluorobiphenyl
Concen: 32.27 ng
RT: 12.939 min Scan# 1692
Delta R.T. -0.012 min
Lab File: BM029096.D
Acq: 11 Mar 2021 15:52



Tgt Ion:172 Resp: 42317
Ion Ratio Lower Upper
172 100
171 35.6 27.8 41.8
170 23.0 18.6 27.8

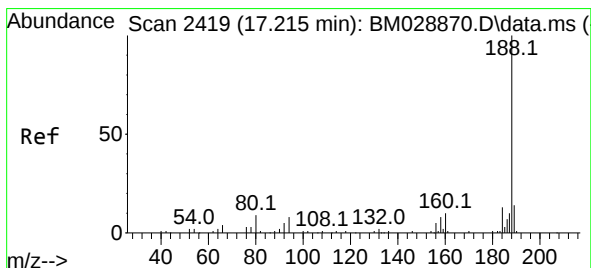
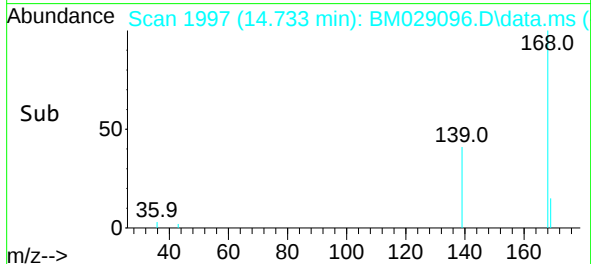
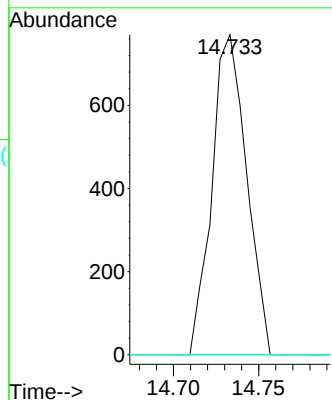
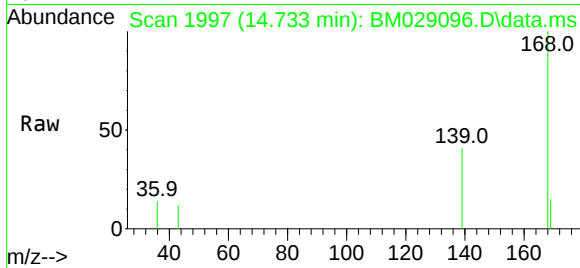




#56
4-Nitrophenol
Concen: 4.42 ng
RT: 14.733 min Scan# 1997
Delta R.T. 0.123 min
Lab File: BM029096.D
Acq: 11 Mar 2021 15:52

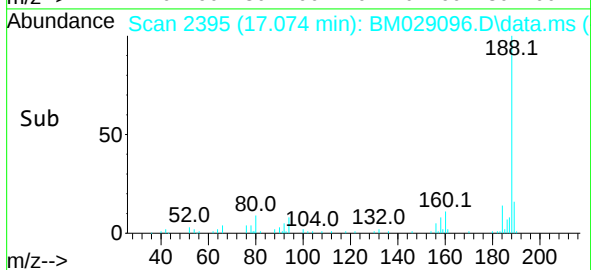
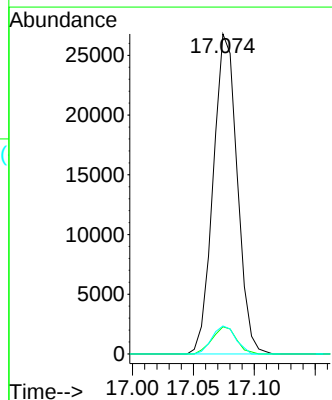
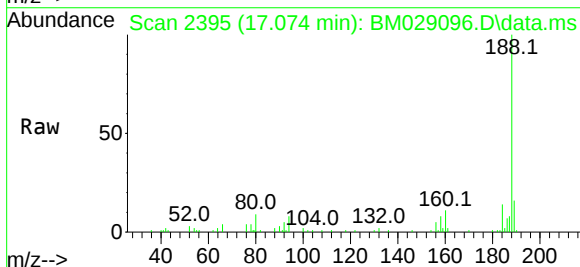
Instrument :
BNA_M
ClientSampled :
FLOORS-5

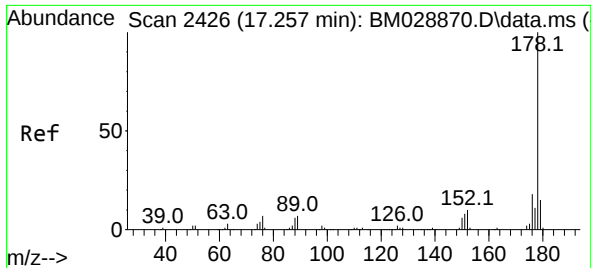
Tgt Ion:139 Resp: 1089
Ion Ratio Lower Upper
139 100
109 0.0 77.0 117.0#
65 0.0 103.4 143.4#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.074 min Scan# 2395
Delta R.T. -0.012 min
Lab File: BM029096.D
Acq: 11 Mar 2021 15:52

Tgt Ion:188 Resp: 36762
Ion Ratio Lower Upper
188 100
94 8.5 6.2 9.4
80 8.8 7.5 11.3

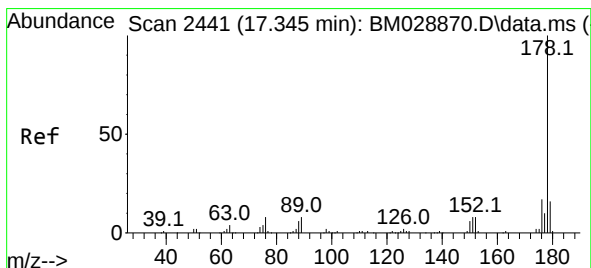
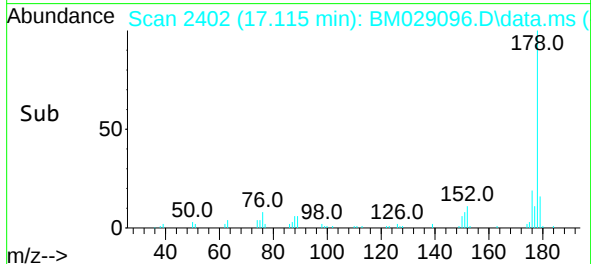
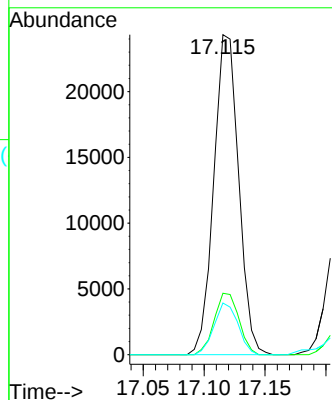
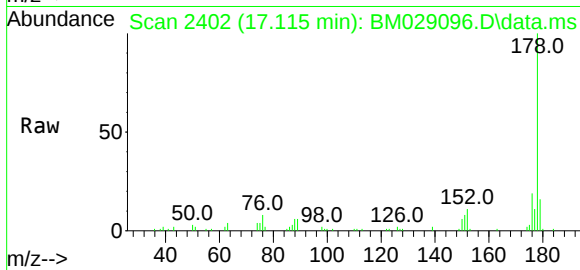




#71
Phenanthrene
Concen: 15.77 ng
RT: 17.115 min Scan# 2402
Delta R.T. -0.012 min
Lab File: BM029096.D
Acq: 11 Mar 2021 15:52

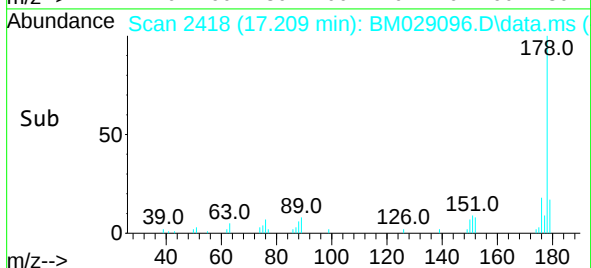
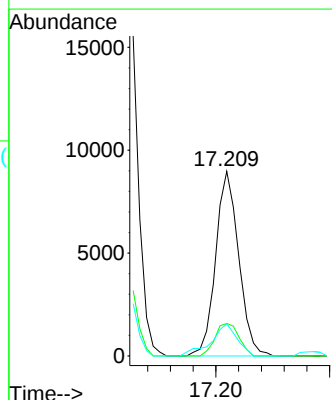
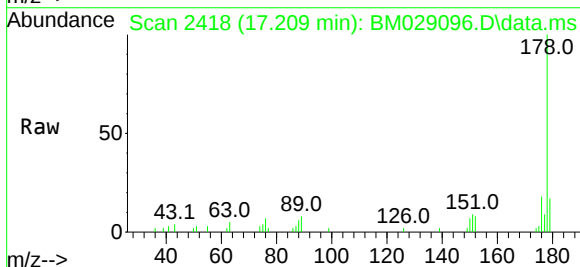
Instrument :
BNA_M
ClientSampled :
FLOORS-5

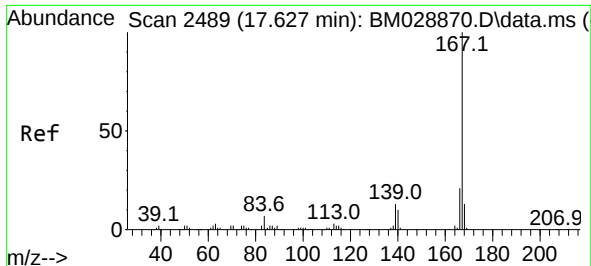
Tgt Ion:178 Resp: 34513
Ion Ratio Lower Upper
178 100
176 19.2 15.0 22.6
179 16.2 12.2 18.4



#72
Anthracene
Concen: 5.84 ng
RT: 17.209 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BM029096.D
Acq: 11 Mar 2021 15:52

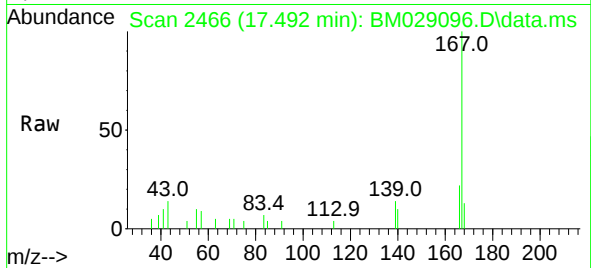
Tgt Ion:178 Resp: 12660
Ion Ratio Lower Upper
178 100
176 17.5 15.0 22.4
179 17.4 12.5 18.7



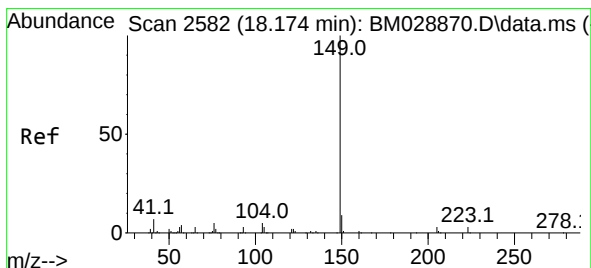
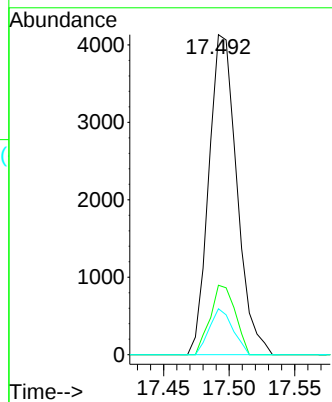
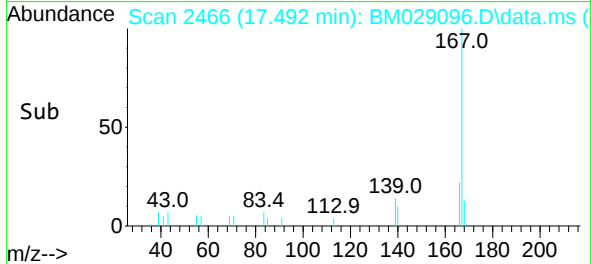


#73
 Carbazole
 Concen: 2.95 ng
 RT: 17.492 min Scan# 2466
 Delta R.T. -0.006 min
 Lab File: BM029096.D
 Acq: 11 Mar 2021 15:52

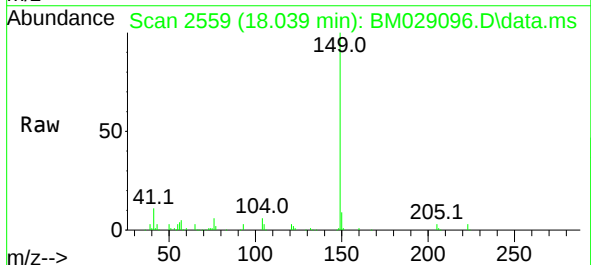
Instrument :
 BNA_M
 ClientSampled :
 FLOORS-5



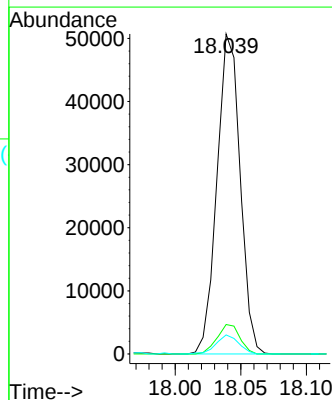
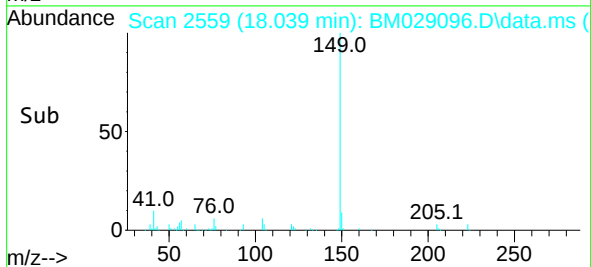
Tgt Ion:167	Resp:	6133
Ion Ratio	Lower	Upper
167	100	
166	21.7	16.9 25.3
139	14.4	9.9 14.9

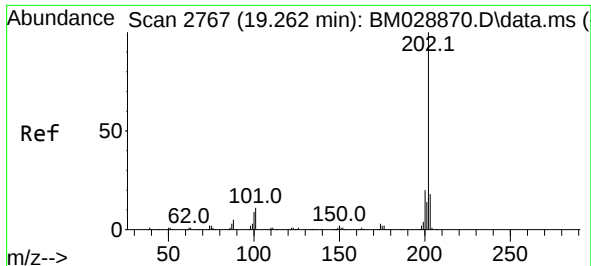


#74
 Di-n-butylphthalate
 Concen: 26.30 ng
 RT: 18.039 min Scan# 2559
 Delta R.T. -0.012 min
 Lab File: BM029096.D
 Acq: 11 Mar 2021 15:52



Tgt Ion:149	Resp:	62213
Ion Ratio	Lower	Upper
149	100	
150	9.2	7.4 11.0
104	6.0	4.7 7.1

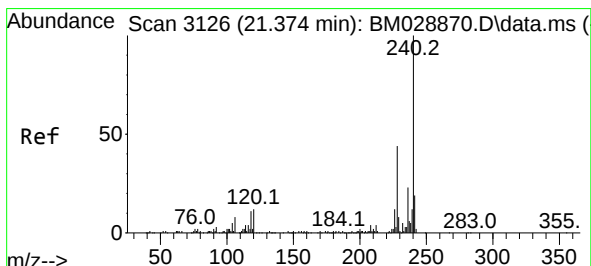
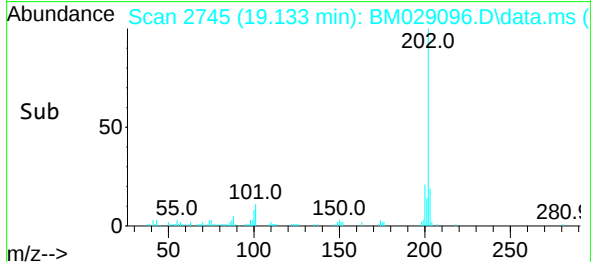
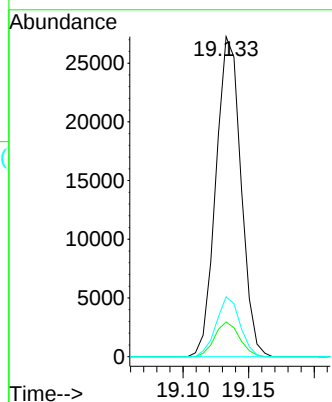
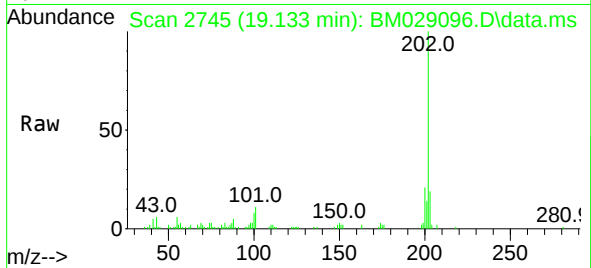




#75
Fluoranthene
Concen: 15.02 ng
RT: 19.133 min Scan# 2745
Delta R.T. -0.012 min
Lab File: BM029096.D
Acq: 11 Mar 2021 15:52

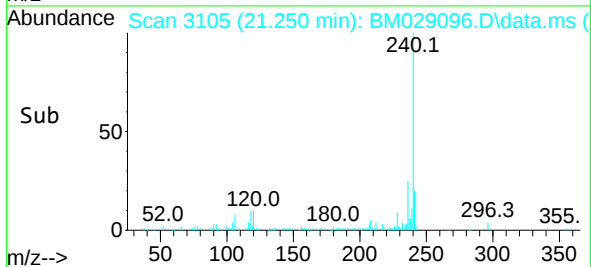
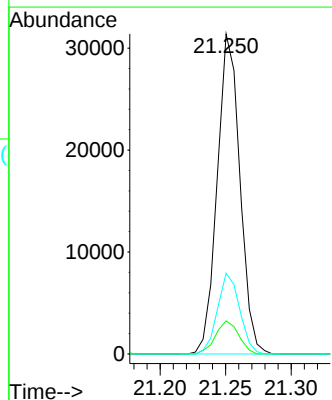
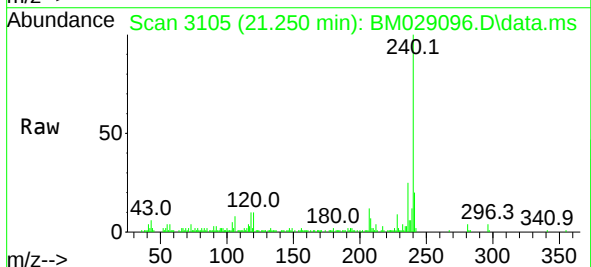
Instrument :
BNA_M
ClientSampleId :
FLOORS-5

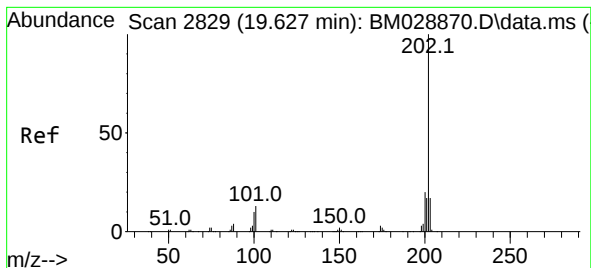
Tgt Ion:	202	Resp:	36143
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	28.5
203	18.7	0.0	37.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.250 min Scan# 3105
Delta R.T. -0.012 min
Lab File: BM029096.D
Acq: 11 Mar 2021 15:52

Tgt Ion:	240	Resp:	37717
Ion Ratio	Lower	Upper	
240	100		
120	10.4	6.4	9.6#
236	25.3	20.1	30.1





#78

Pyrene

Concen: 10.06 ng

RT: 19.498 min Scan# 2807

Delta R.T. -0.006 min

Lab File: BM029096.D

Acq: 11 Mar 2021 15:52

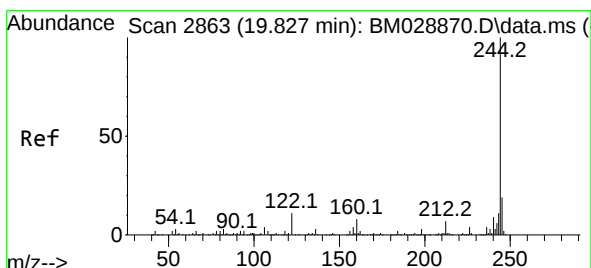
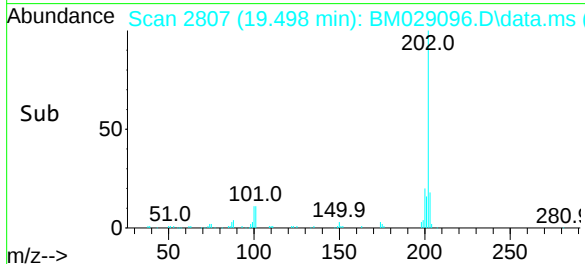
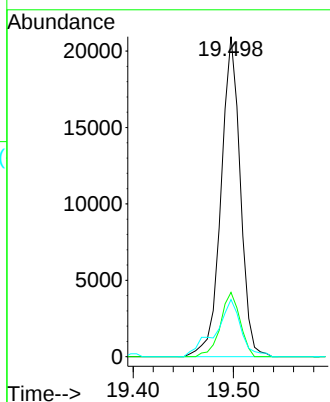
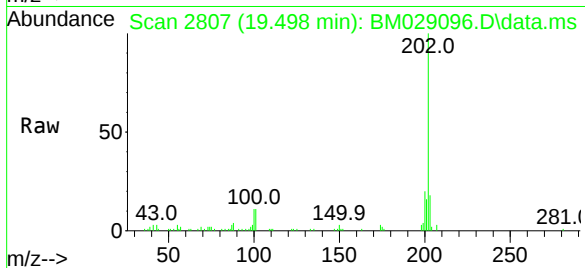
Tgt Ion:202 Resp: 27868

Ion Ratio Lower Upper

202 100

200 20.1 16.6 24.8

203 17.9 13.8 20.6



#79

Terphenyl-d14

Concen: 31.37 ng

RT: 19.703 min Scan# 2842

Delta R.T. -0.006 min

Lab File: BM029096.D

Acq: 11 Mar 2021 15:52

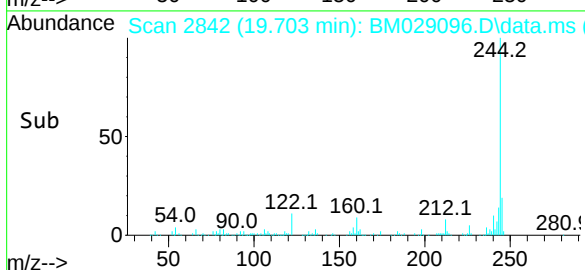
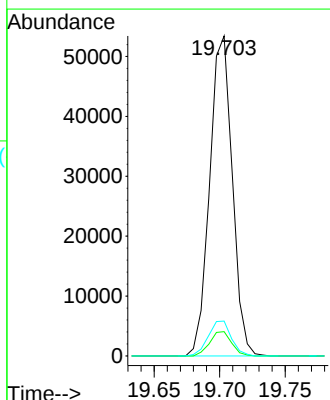
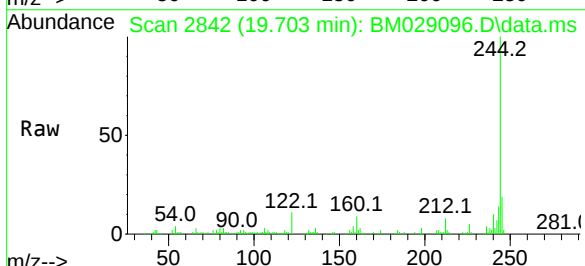
Tgt Ion:244 Resp: 64074

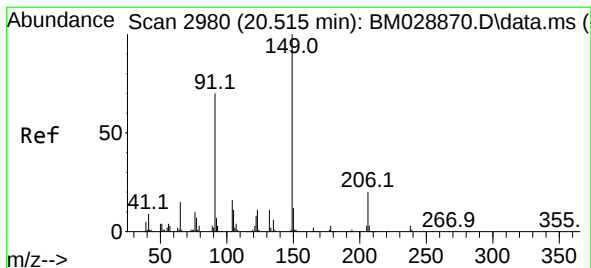
Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

122 10.9 6.5 9.7#





#80

Butylbenzylphthalate

Concen: 2.14 ng

RT: 20.397 min Scan# 2960

Delta R.T. -0.006 min

Lab File: BM029096.D

Acq: 11 Mar 2021 15:52

Tgt Ion:149 Resp: 2552

Ion Ratio Lower Upper

149 100

91 81.8 58.1 87.1

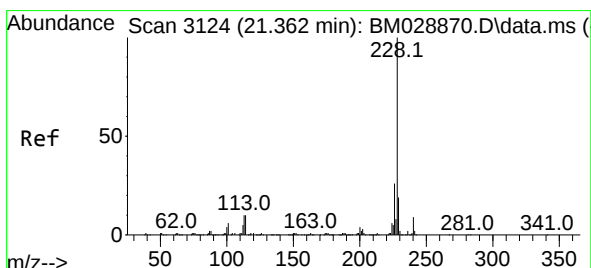
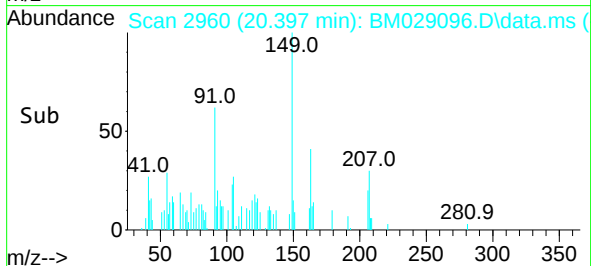
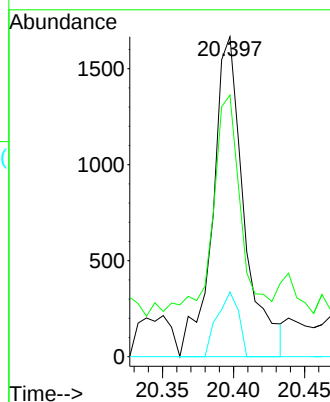
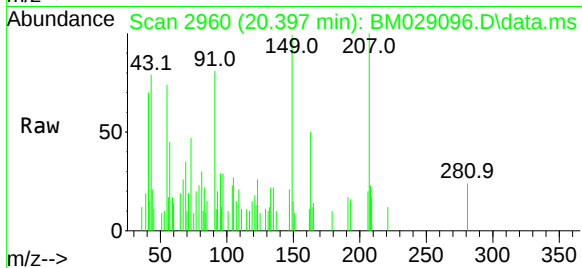
206 20.2 18.7 28.1

Instrument :

BNA_M

ClientSampleId :

FLOORS-5



#81

Benzo(a)anthracene

Concen: 4.62 ng

RT: 21.239 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BM029096.D

Acq: 11 Mar 2021 15:52

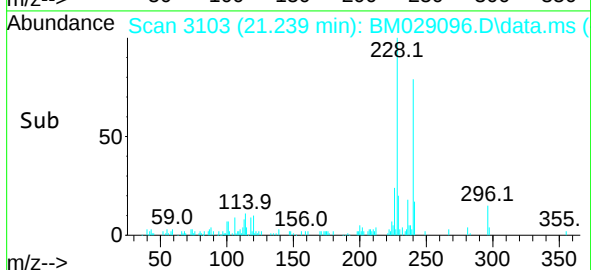
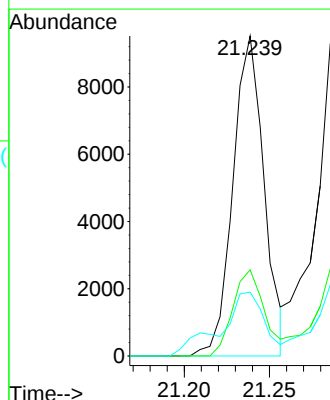
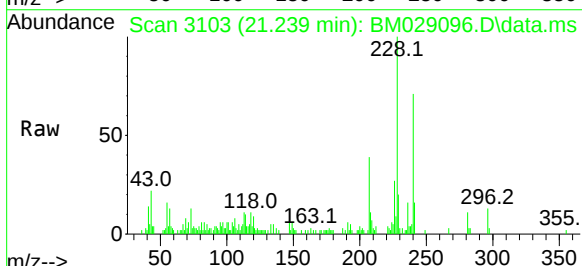
Tgt Ion:228 Resp: 12084

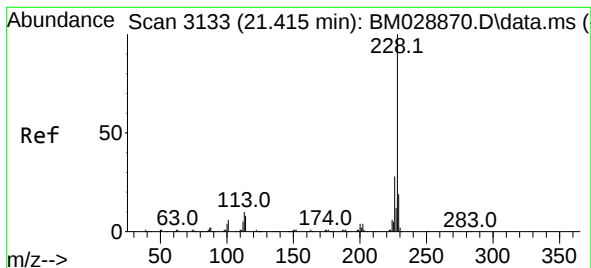
Ion Ratio Lower Upper

228 100

226 26.9 21.1 31.7

229 20.0 15.7 23.5





#83

Chrysene

Concen: 5.16 ng

RT: 21.292 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BM029096.D

Acq: 11 Mar 2021 15:52

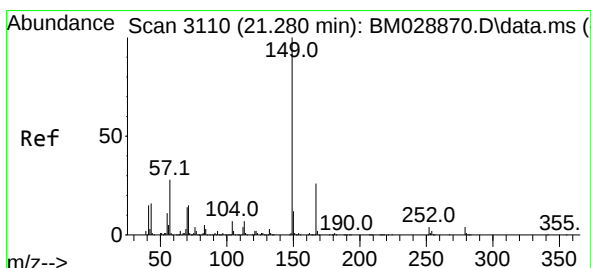
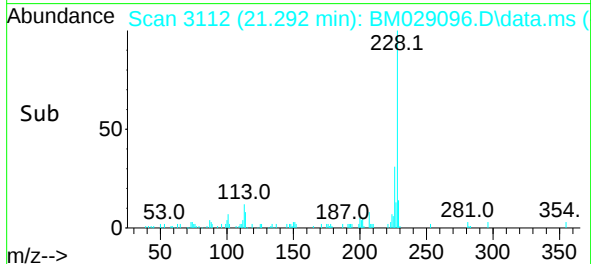
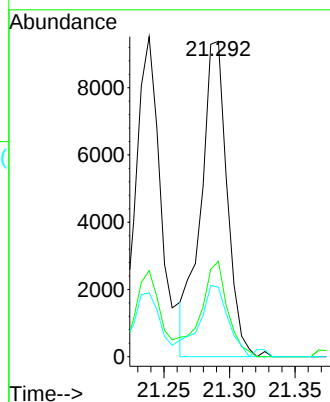
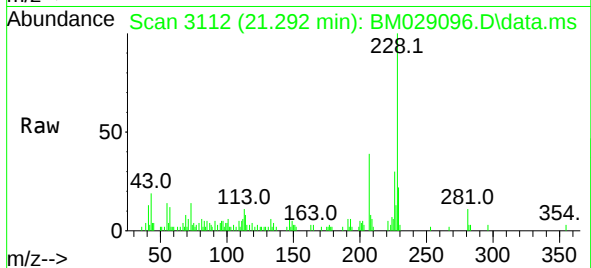
Tgt Ion:	228	Resp:	13165
Ion Ratio	Lower	Upper	
228	100		
226	30.2	23.4	35.0
229	22.0	15.7	23.5

Instrument :

BNA_M

ClientSampleId :

FLOORS-5



#84

Bis(2-ethylhexyl)phthalate

Concen: 224.61 ng

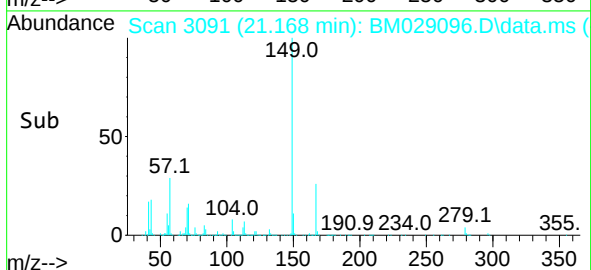
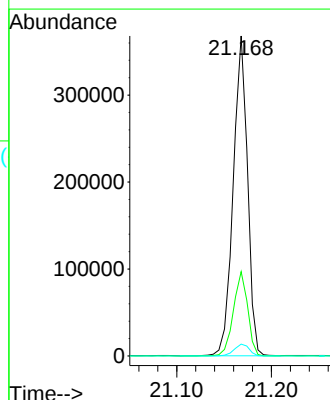
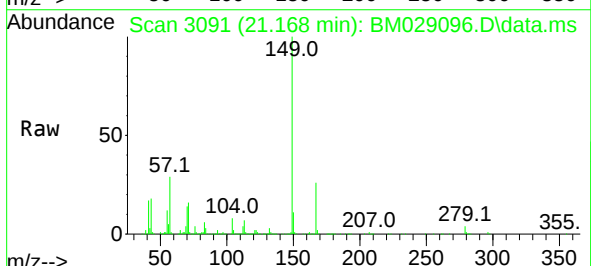
RT: 21.168 min Scan# 3091

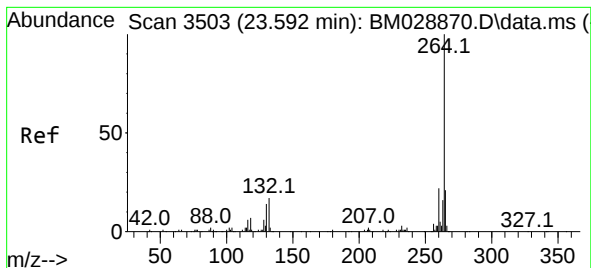
Delta R.T. -0.006 min

Lab File: BM029096.D

Acq: 11 Mar 2021 15:52

Tgt Ion:	149	Resp:	385539
Ion Ratio	Lower	Upper	
149	100		
167	26.4	22.7	34.1
279	3.7	4.0	6.0#





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.409 min Scan# 3472

Delta R.T. -0.012 min

Lab File: BM029096.D

Acq: 11 Mar 2021 15:52

Tgt Ion:264 Resp: 38971

Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.4

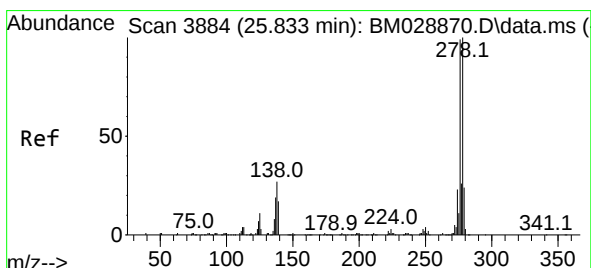
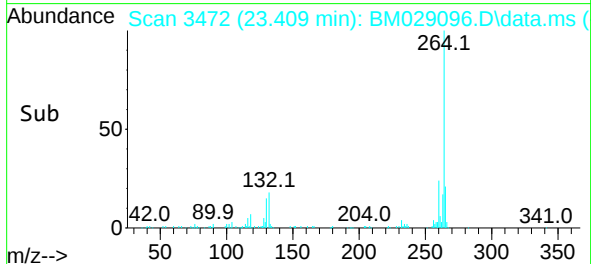
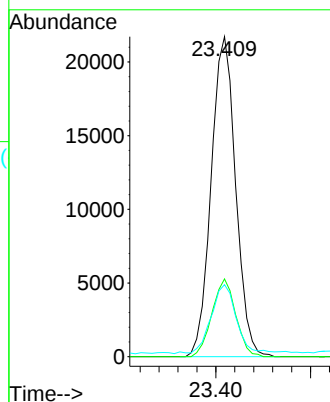
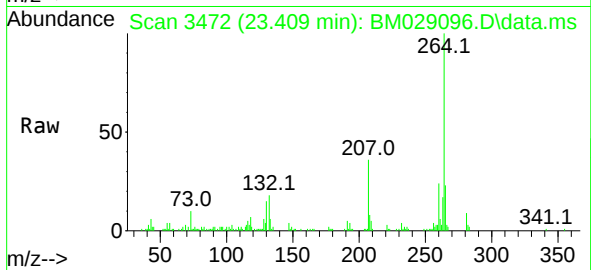
265 22.5 17.7 26.5

Instrument :

BNA_M

ClientSampleId :

FLOORS-5



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.13 ng

RT: 25.556 min Scan# 3837

Delta R.T. -0.029 min

Lab File: BM029096.D

Acq: 11 Mar 2021 15:52

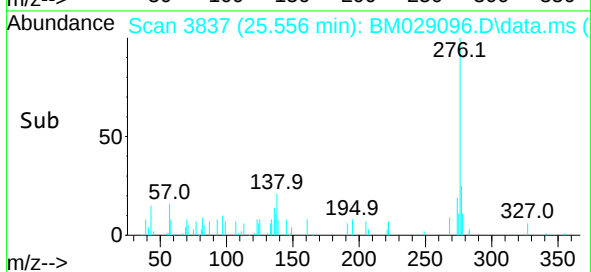
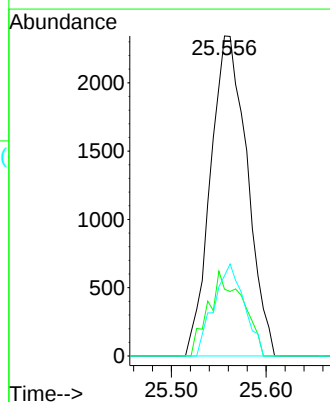
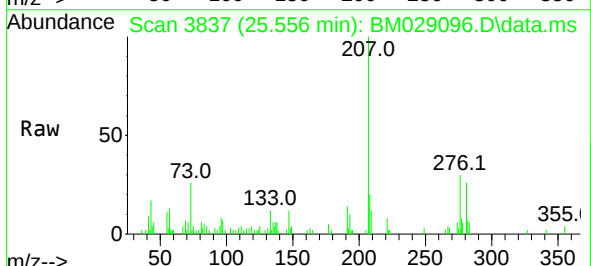
Tgt Ion:276 Resp: 6278

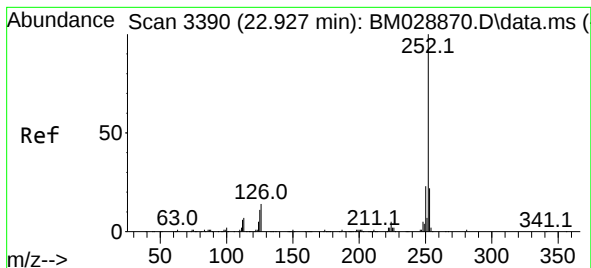
Ion Ratio Lower Upper

276 100

138 24.8 14.2 21.4#

277 23.9 19.8 29.8





#88

Benzo(b)fluoranthene

Concen: 7.02 ng

RT: 22.768 min Scan# 3363

Delta R.T. -0.012 min

Lab File: BM029096.D

Acq: 11 Mar 2021 15:52

Tgt Ion:252 Resp: 19338

Ion Ratio Lower Upper

252 100

253 23.3 17.4 26.0

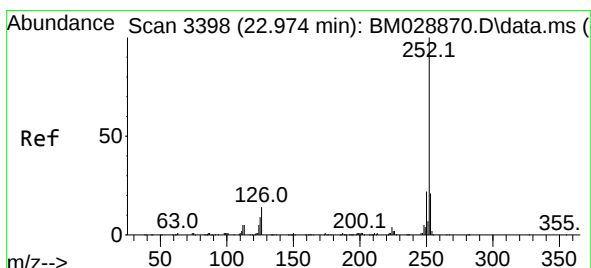
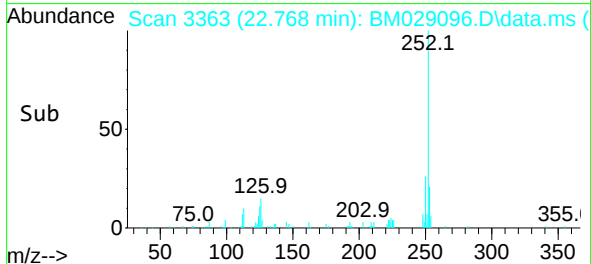
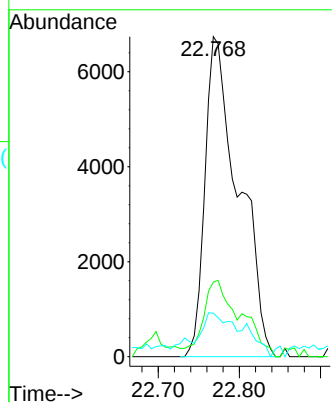
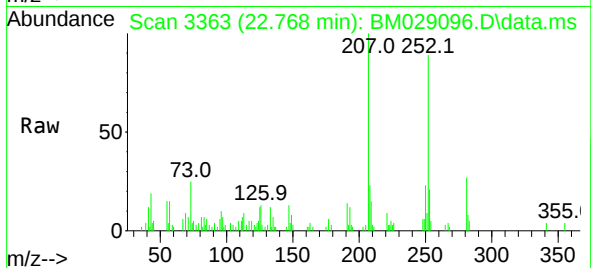
125 13.6 5.7 8.5#

Instrument :

BNA_M

ClientSampled :

FLOORS-5



#89

Benzo(k)fluoranthene

Concen: 7.39 ng

RT: 22.768 min Scan# 3363

Delta R.T. -0.053 min

Lab File: BM029096.D

Acq: 11 Mar 2021 15:52

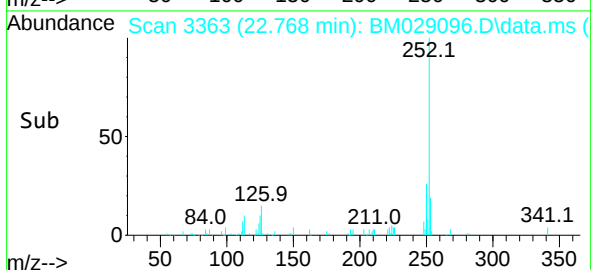
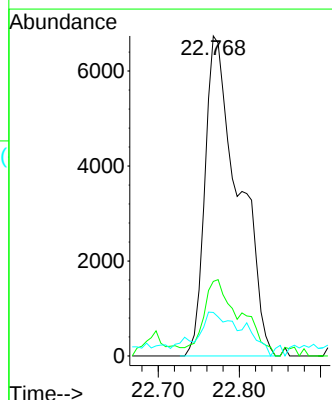
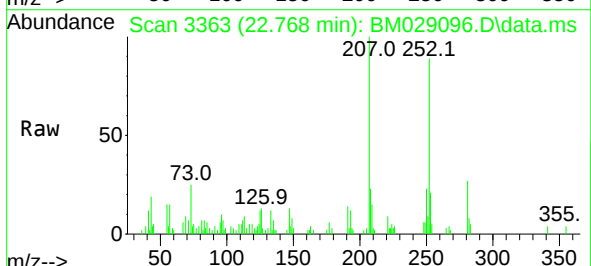
Tgt Ion:252 Resp: 19338

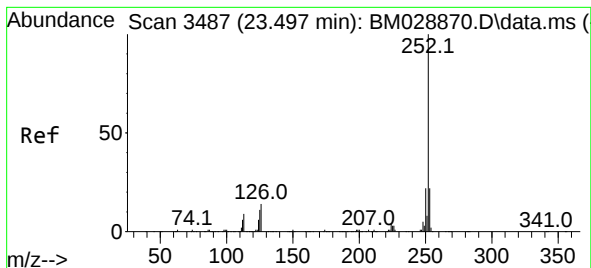
Ion Ratio Lower Upper

252 100

253 23.3 17.4 26.0

125 13.6 5.6 8.4#





#90

Benzo(a)pyrene

Concen: 3.58 ng

RT: 23.321 min Scan# 3457

Delta R.T. -0.012 min

Lab File: BM029096.D

Acq: 11 Mar 2021 15:52

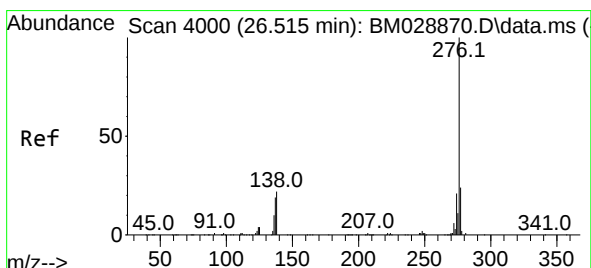
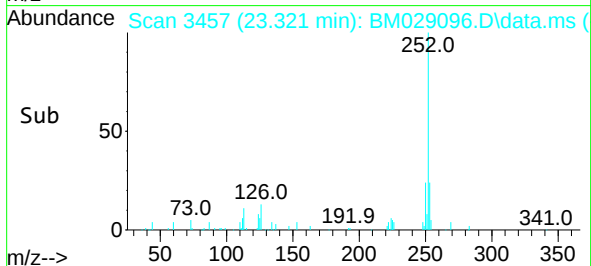
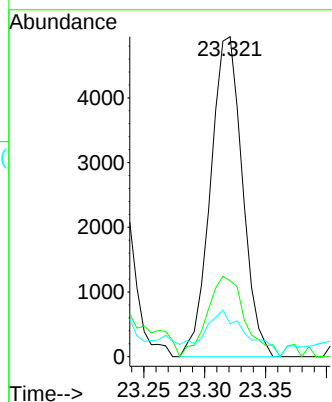
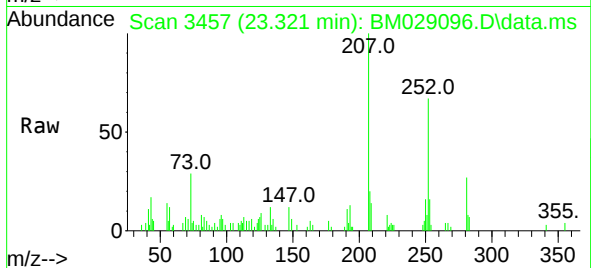
Tgt Ion:	252	Resp:	8994
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.4	26.2
125	10.3	6.6	9.8#

Instrument :

BNA_M

ClientSampleId :

FLOORS-5



#92

Benzo(g,h,i)perylene

Concen: 2.42 ng

RT: 26.227 min Scan# 3951

Delta R.T. -0.012 min

Lab File: BM029096.D

Acq: 11 Mar 2021 15:52

Tgt Ion:	276	Resp:	5984
Ion Ratio	Lower	Upper	
276	100		
277	25.2	18.6	28.0
138	20.7	12.2	18.2#

