

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042721\
 Data File : BM029684.D
 Acq On : 27 Apr 2021 21:29
 Operator : CG/JU
 Sample : M2187-01 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TEST-PIT-I

Quant Time: Apr 28 01:23:16 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 26 15:01:01 2021
 Response via : Initial Calibration

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

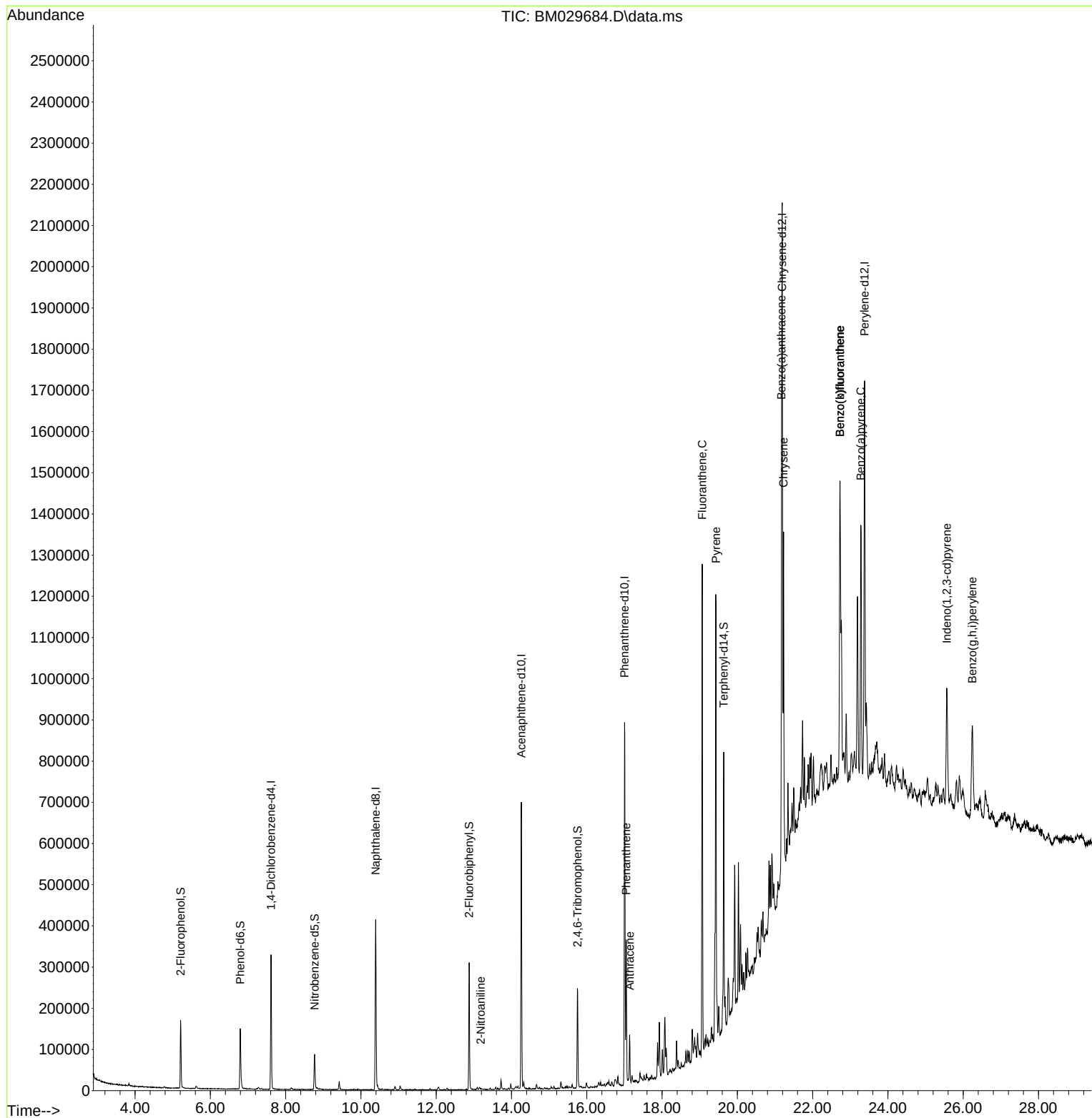
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	91789	20.00	ng	-0.01
21) Naphthalene-d8	10.392	136	343945	20.00	ng	0.00
39) Acenaphthene-d10	14.263	164	238969	20.00	ng	0.00
64) Phenanthrene-d10	17.004	188	539737	20.00	ng	0.00
76) Chrysene-d12	21.192	240	624863	20.00	ng	0.00
86) Perylene-d12	23.380	264	663342	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.210	112	71013	15.51	ng	0.00
7) Phenol-d6	6.792	99	85982	12.57	ng	0.00
23) Nitrobenzene-d5	8.769	82	56120	8.40	ng	0.00
42) 2,4,6-Tribromophenol	15.757	330	48041	14.54	ng	0.00
45) 2-Fluorobiphenyl	12.874	172	171220	9.72	ng	-0.01
79) Terphenyl-d14	19.639	244	291877	8.86	ng	0.00
Target Compounds						Qvalue
48) 2-Nitroaniline	13.180	65	60	2.87	ng	# 4
71) Phenanthrene	17.045	178	221099	7.11	ng	99
72) Anthracene	17.139	178	74955	2.44	ng	98
75) Fluoranthene	19.068	202	711034	18.87	ng	98
78) Pyrene	19.433	202	690640	17.18	ng	98
81) Benzo(a)anthracene	21.174	228	523795	12.67	ng	98
83) Chrysene	21.227	228	480083	11.82	ng	96
87) Indeno(1,2,3-cd)pyrene	25.562	276	257728	5.02	ng	95
88) Benzo(b)fluoranthene	22.727	252	804819	18.61	ng	96
89) Benzo(k)fluoranthene	22.727	252	804819	18.56	ng	95
90) Benzo(a)pyrene	23.280	252	438500	10.80	ng	97
92) Benzo(g,h,i)perylene	26.238	276	260560	6.37	ng	97

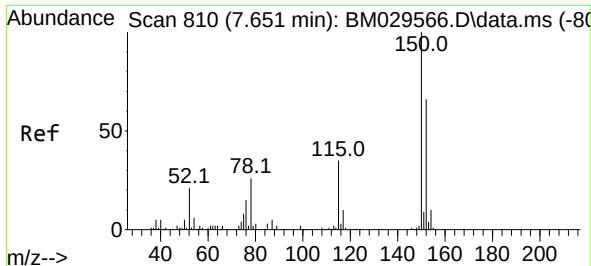
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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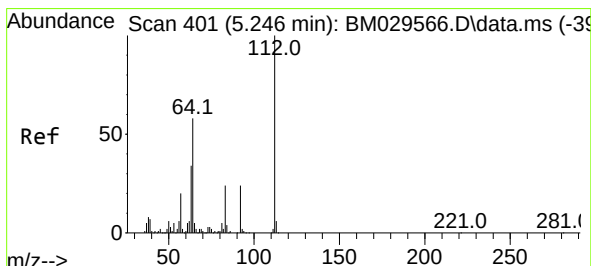
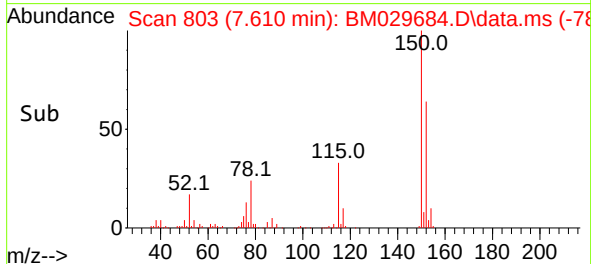
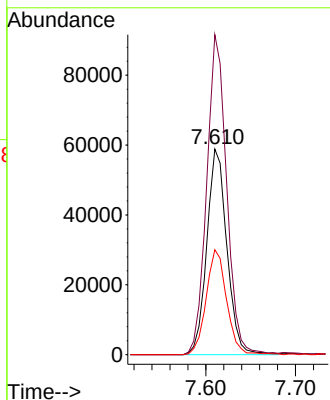
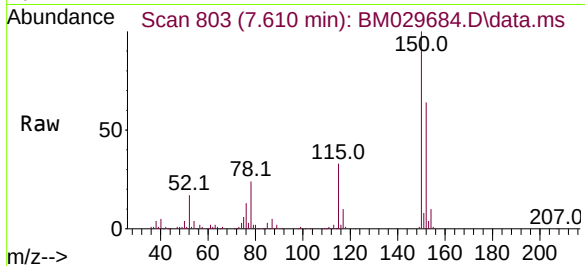




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.610 min Scan# 803
Delta R.T. -0.012 min
Lab File: BM029684.D
Acq: 27 Apr 2021 21:29

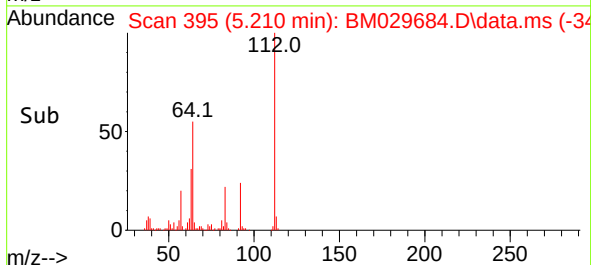
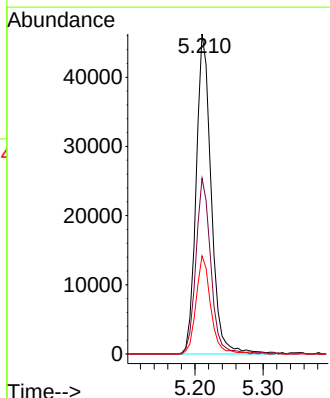
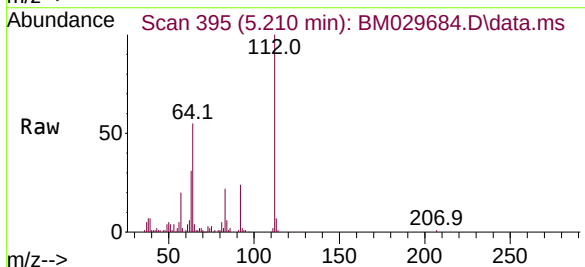
Instrument :
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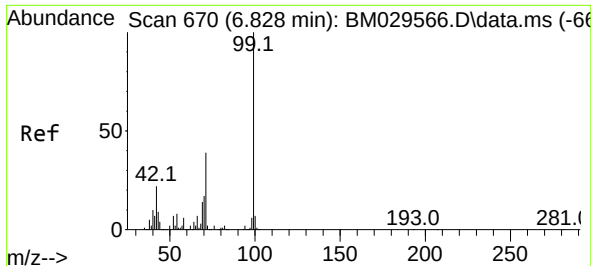
Tgt Ion:152 Resp: 91789
Ion Ratio Lower Upper
152 100
150 155.7 125.9 188.9
115 51.0 44.6 67.0



#5
2-Fluorophenol
Concen: 15.51 ng
RT: 5.210 min Scan# 395
Delta R.T. -0.006 min
Lab File: BM029684.D
Acq: 27 Apr 2021 21:29

Tgt Ion:112 Resp: 71013
Ion Ratio Lower Upper
112 100
64 54.9 47.1 70.7
63 30.7 27.3 40.9

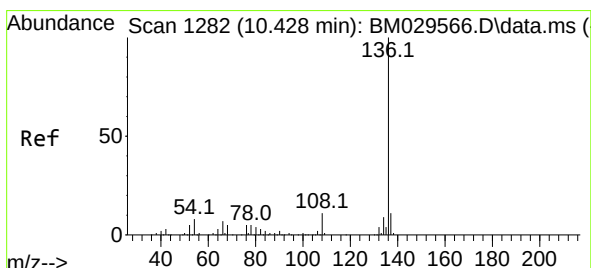
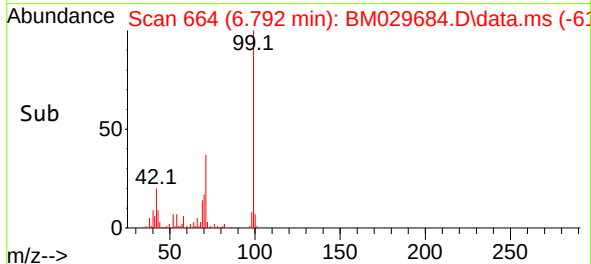
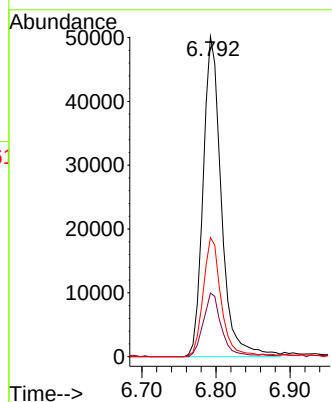
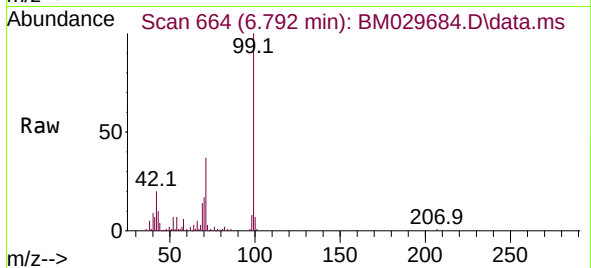




#7
Phenol-d6
Concen: 12.57 ng
RT: 6.792 min Scan# 664
Delta R.T. -0.006 min
Lab File: BM029684.D
Acq: 27 Apr 2021 21:29

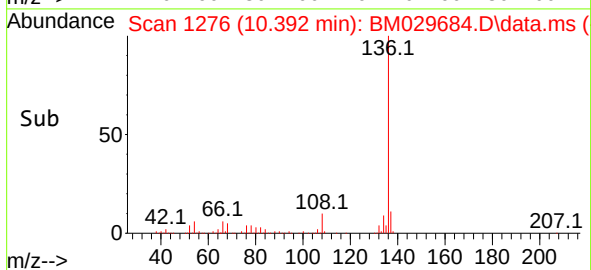
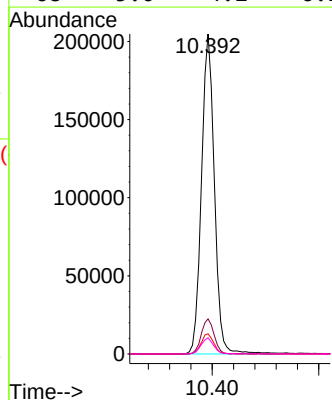
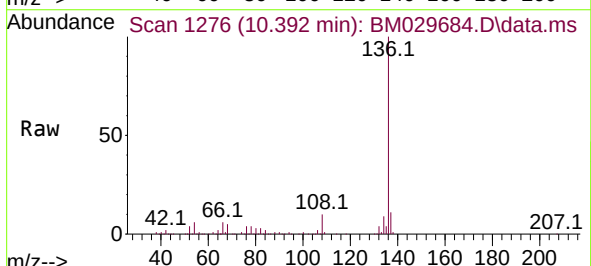
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BNA_M
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TEST-PIT-I

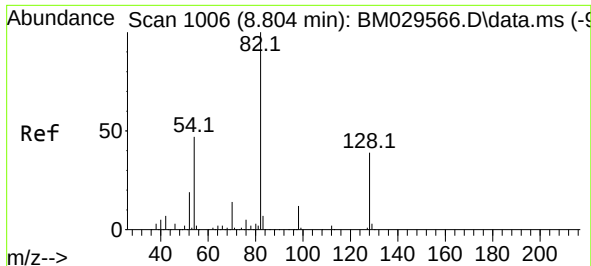
Tgt Ion:	99	Resp:	85982
Ion	Ratio	Lower	Upper
99	100		
42	19.9	18.0	27.0
71	37.3	30.9	46.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.392 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BM029684.D
Acq: 27 Apr 2021 21:29

Tgt Ion:	136	Resp:	343945
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	6.3	5.5	8.3
68	5.0	4.2	6.2

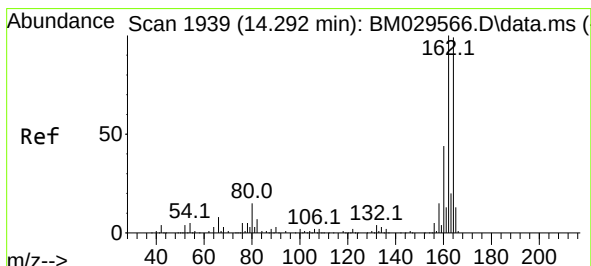
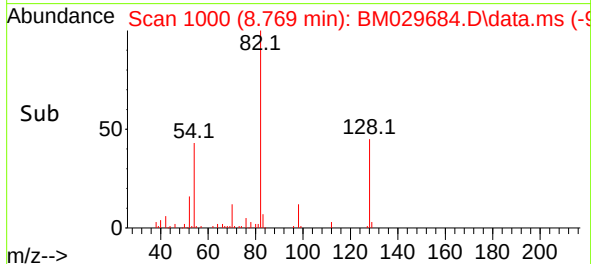
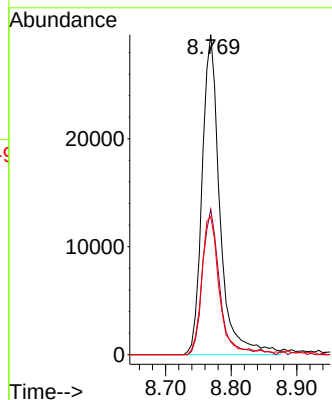
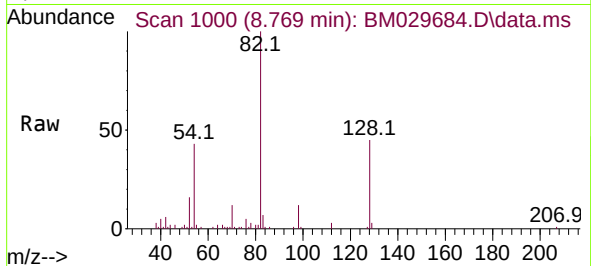




#23
Nitrobenzene-d5
Concen: 8.40 ng
RT: 8.769 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BM029684.D
Acq: 27 Apr 2021 21:29

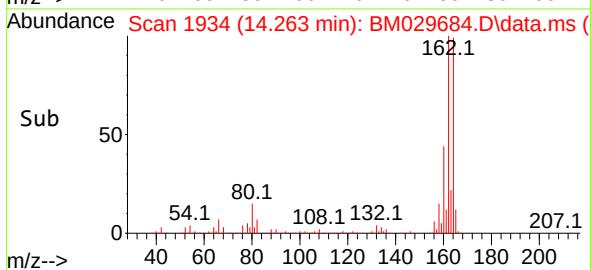
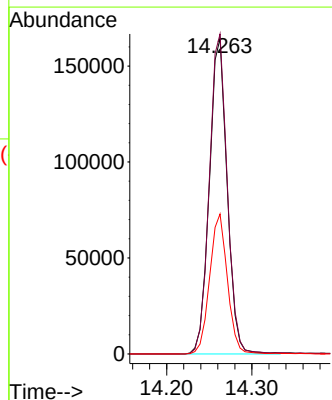
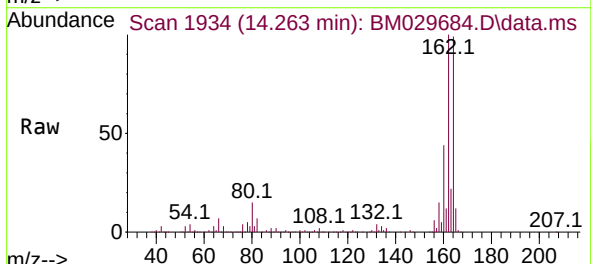
Instrument :
BNA_M
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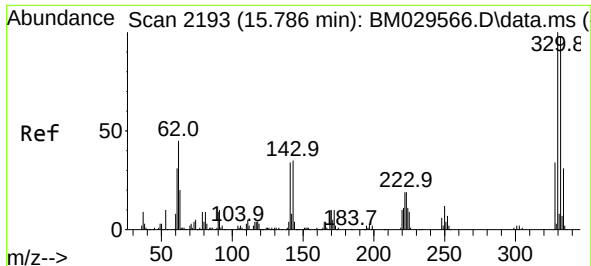
Tgt Ion: 82 Resp: 56120
Ion Ratio Lower Upper
82 100
128 45.5 31.1 46.7
54 43.1 37.3 55.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.263 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BM029684.D
Acq: 27 Apr 2021 21:29

Tgt Ion:164 Resp: 238969
Ion Ratio Lower Upper
164 100
162 101.4 83.4 125.0
160 44.4 37.2 55.8

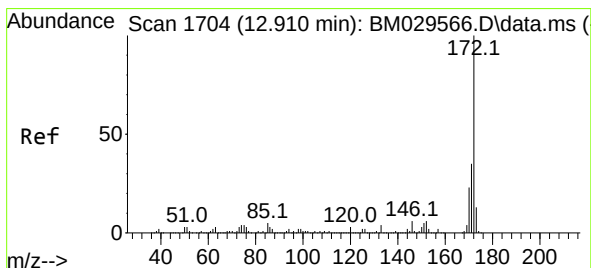
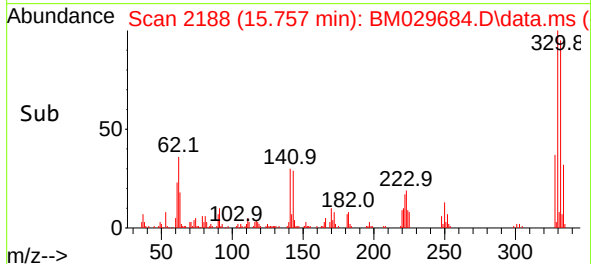
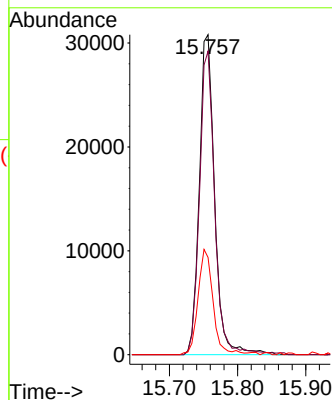
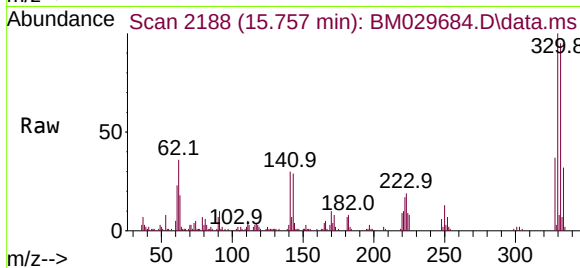




#42
2,4,6-Tribromophenol
Concen: 14.54 ng
RT: 15.757 min Scan# 2188
Delta R.T. -0.006 min
Lab File: BM029684.D
Acq: 27 Apr 2021 21:29

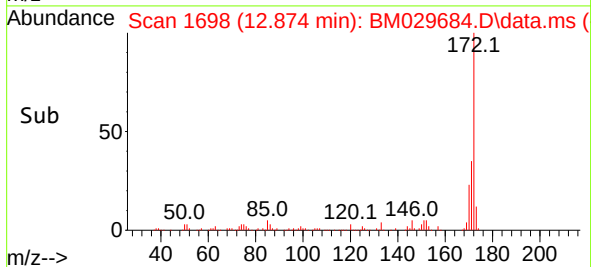
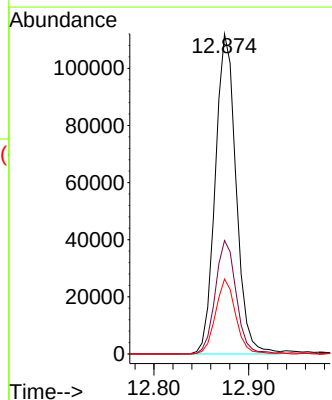
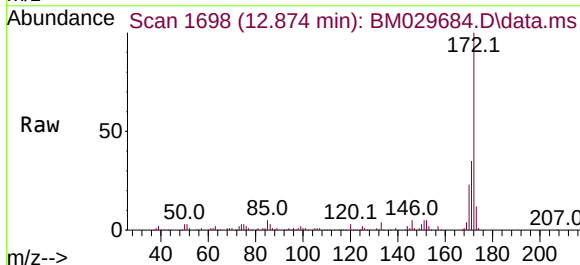
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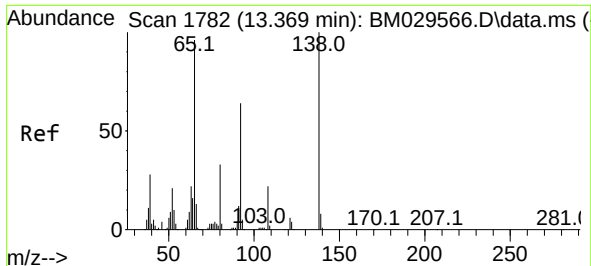
Tgt Ion:330 Resp: 48041
Ion Ratio Lower Upper
330 100
332 94.8 77.0 115.4
141 32.2 30.2 45.2



#45
2-Fluorobiphenyl
Concen: 9.72 ng
RT: 12.874 min Scan# 1698
Delta R.T. -0.012 min
Lab File: BM029684.D
Acq: 27 Apr 2021 21:29

Tgt Ion:172 Resp: 171220
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.4 18.4 27.6

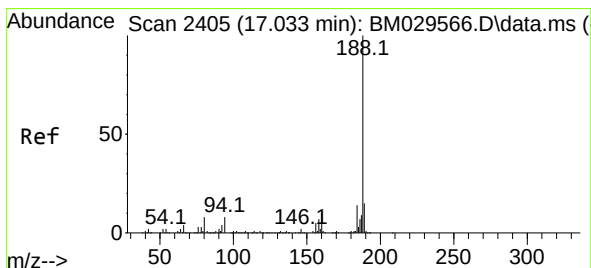
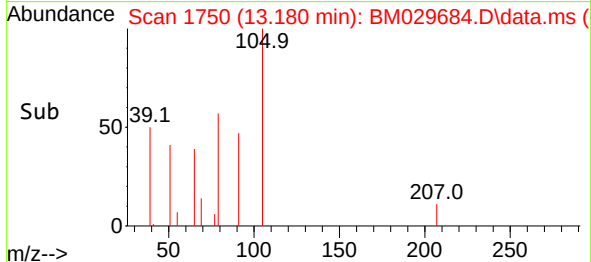
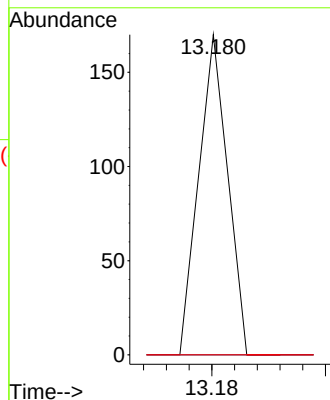
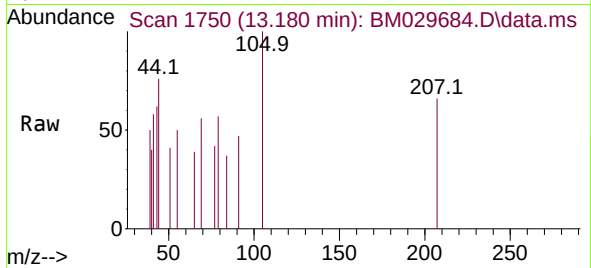




#48
2-Nitroaniline
Concen: 2.87 ng
RT: 13.180 min Scan# 1750
Delta R.T. -0.165 min
Lab File: BM029684.D
Acq: 27 Apr 2021 21:29

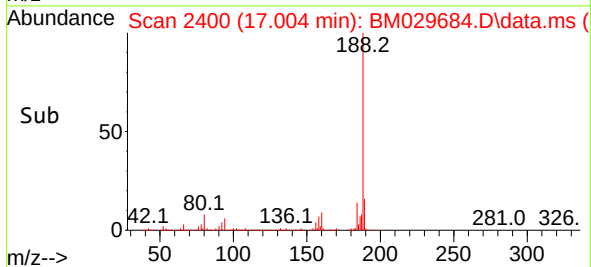
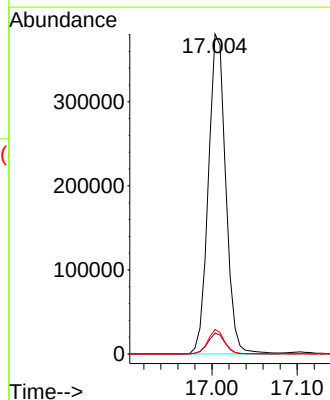
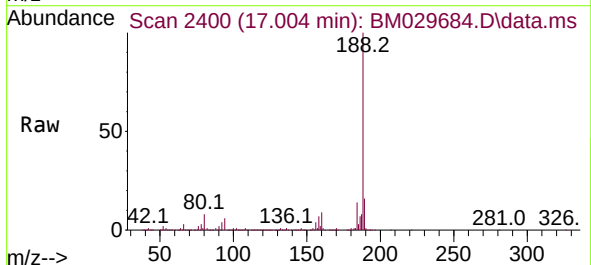
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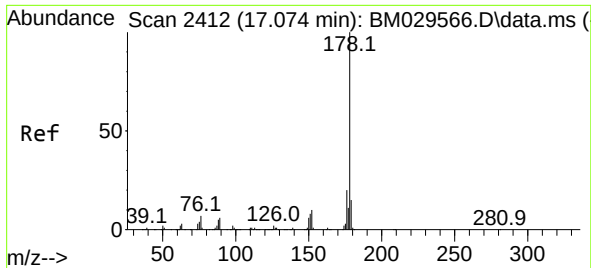
Tgt Ion: 65 Resp: 60
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 85.7 128.5#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.004 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BM029684.D
Acq: 27 Apr 2021 21:29

Tgt Ion:188 Resp: 539737
Ion Ratio Lower Upper
188 100
94 6.5 6.0 9.0
80 7.7 6.6 9.8

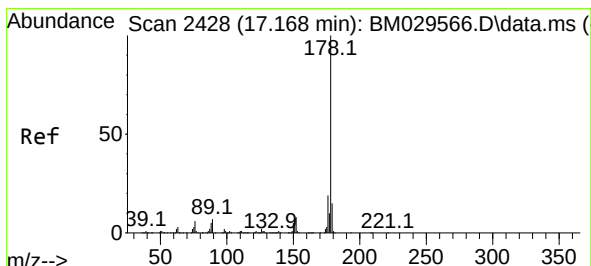
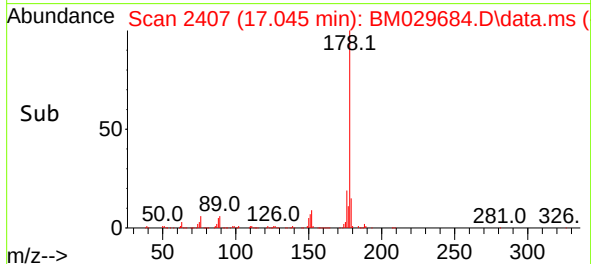
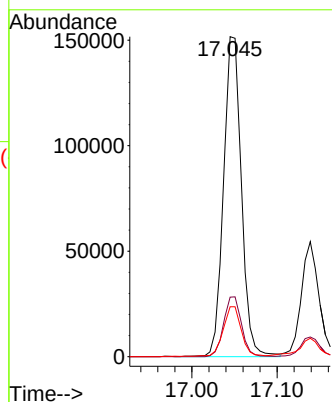
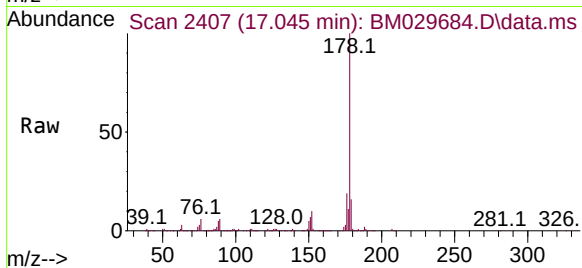




#71
Phenanthrene
Concen: 7.11 ng
RT: 17.045 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM029684.D
Acq: 27 Apr 2021 21:29

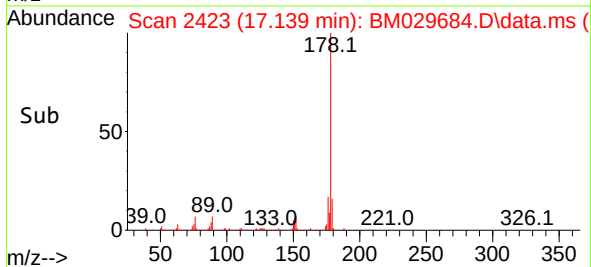
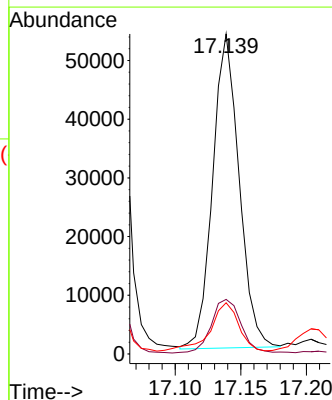
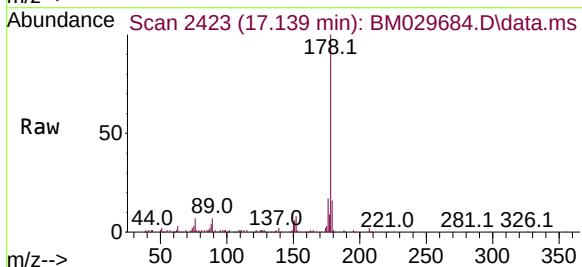
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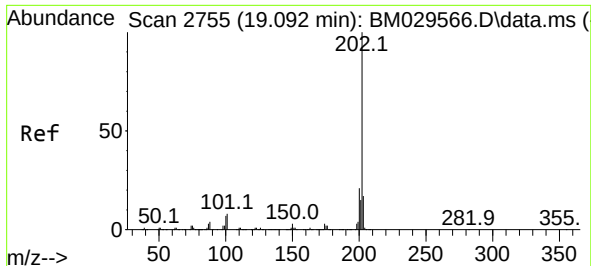
Tgt Ion:178 Resp: 221099
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.0
179 15.6 12.2 18.4



#72
Anthracene
Concen: 2.44 ng
RT: 17.139 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BM029684.D
Acq: 27 Apr 2021 21:29

Tgt Ion:178 Resp: 74955
Ion Ratio Lower Upper
178 100
176 17.1 15.0 22.4
179 16.0 12.5 18.7

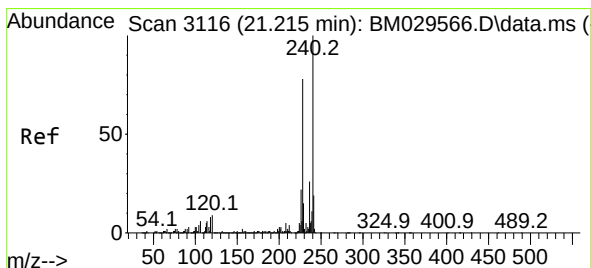
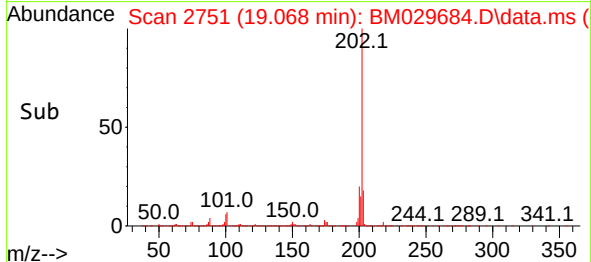
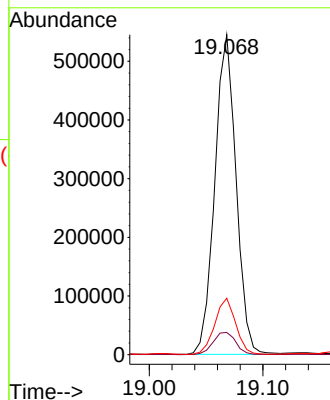
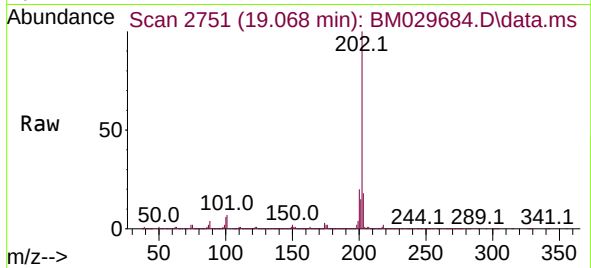




#75
Fluoranthene
Concen: 18.87 ng
RT: 19.068 min Scan# 2751
Delta R.T. -0.006 min
Lab File: BM029684.D
Acq: 27 Apr 2021 21:29

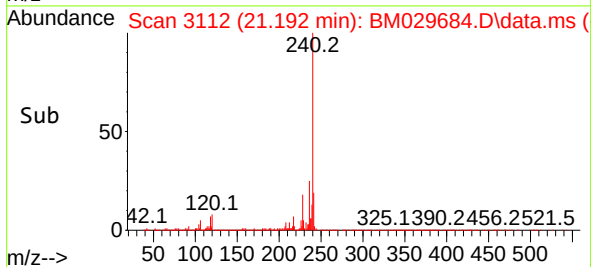
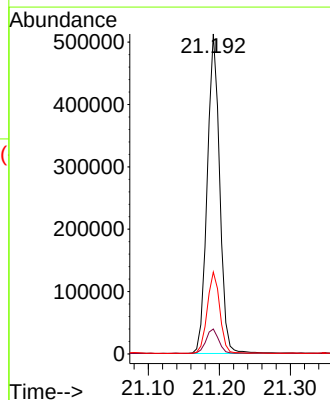
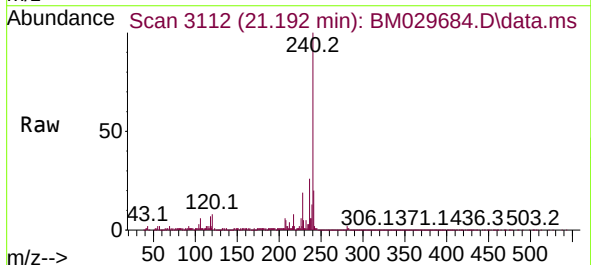
Instrument :
BNA_M
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TEST-PIT-I

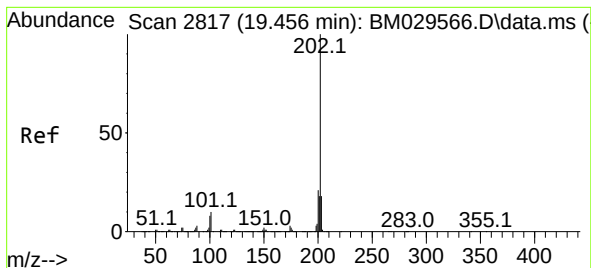
Tgt Ion:202 Resp: 711034
Ion Ratio Lower Upper
202 100
101 7.0 0.0 28.6
203 17.7 0.0 37.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.192 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM029684.D
Acq: 27 Apr 2021 21:29

Tgt Ion:240 Resp: 624863
Ion Ratio Lower Upper
240 100
120 7.8 7.0 10.6
236 25.6 21.0 31.4





#78

Pyrene

Concen: 17.18 ng

RT: 19.433 min Scan# 2813

Delta R.T. -0.000 min

Lab File: BM029684.D

Acq: 27 Apr 2021 21:29

Tgt Ion:202 Resp: 690640

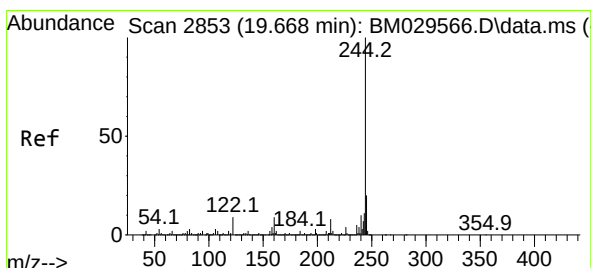
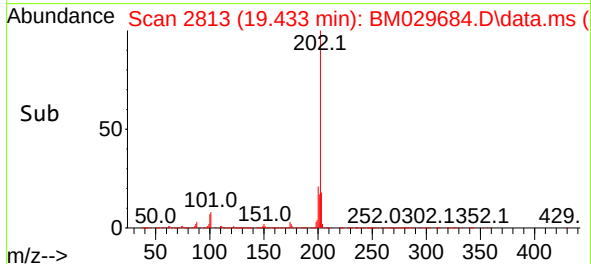
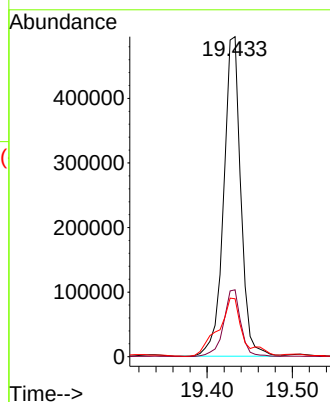
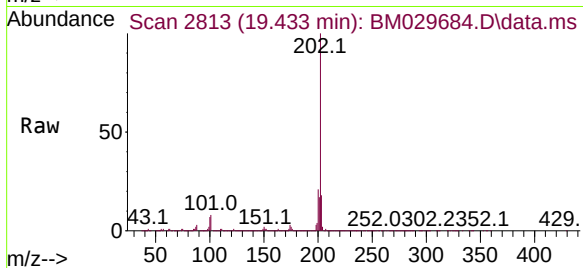
Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.3	25.9
203	18.1	13.9	20.9

Instrument :

BNA_M

ClientSampleId :

TEST-PIT-I



#79

Terphenyl-d14

Concen: 8.86 ng

RT: 19.639 min Scan# 2848

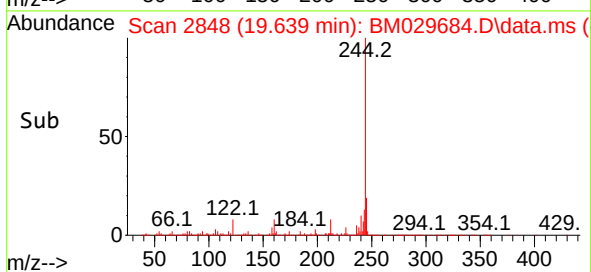
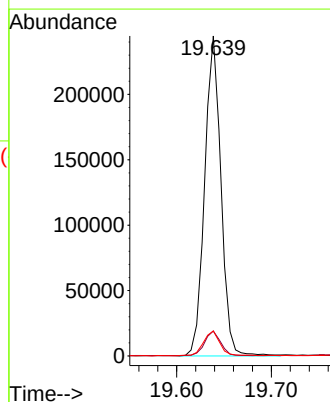
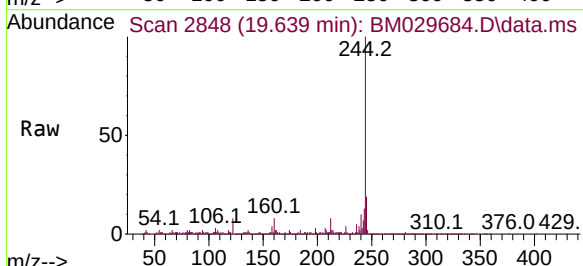
Delta R.T. -0.006 min

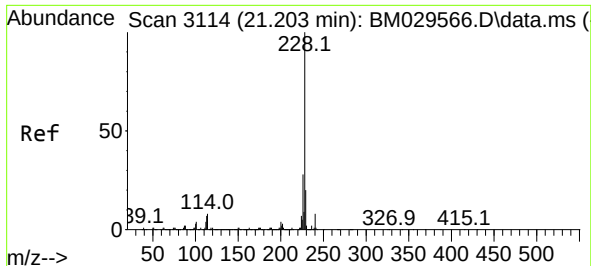
Lab File: BM029684.D

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Tgt Ion:244 Resp: 291877

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.3	9.5
122	7.8	6.9	10.3

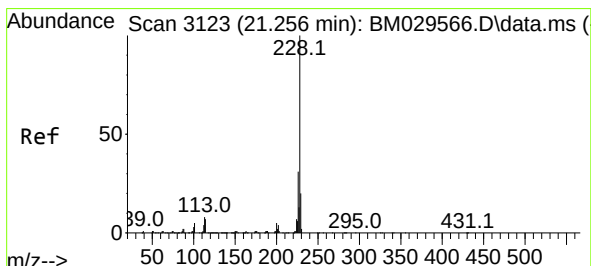
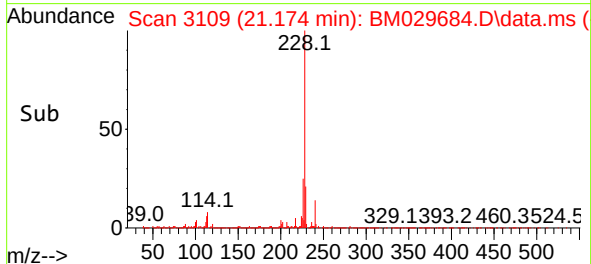
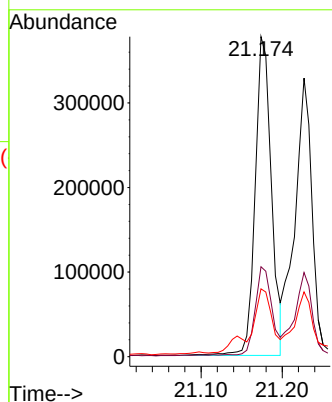
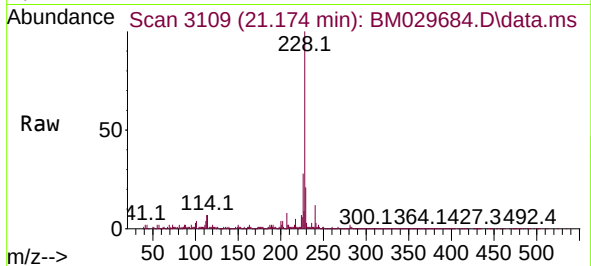




#81
Benzo(a)anthracene
Concen: 12.67 ng
RT: 21.174 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BM029684.D
Acq: 27 Apr 2021 21:29

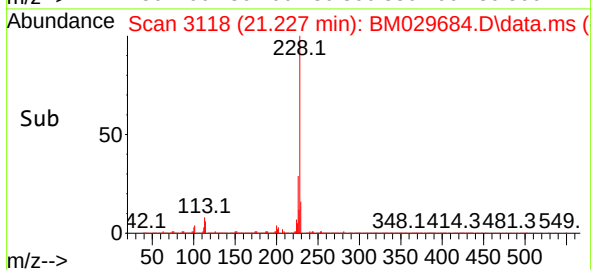
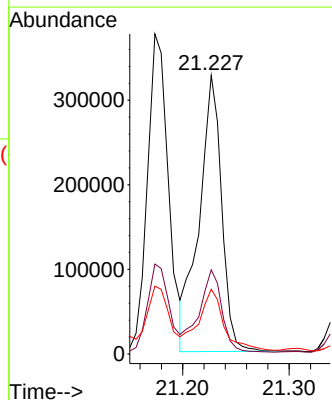
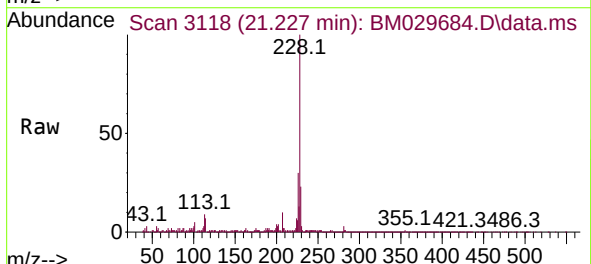
Instrument :
BNA_M
ClientSampleId :
TEST-PIT-I

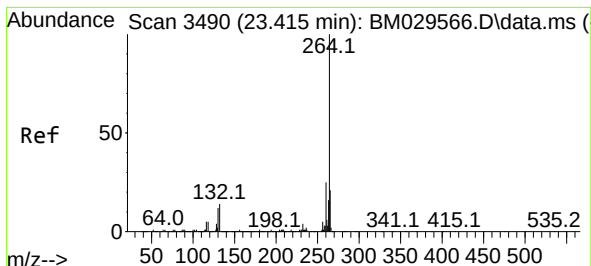
Tgt Ion:228 Resp: 523795
Ion Ratio Lower Upper
228 100
226 28.1 22.3 33.5
229 21.2 15.7 23.5



#83
Chrysene
Concen: 11.82 ng
RT: 21.227 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BM029684.D
Acq: 27 Apr 2021 21:29

Tgt Ion:228 Resp: 480083
Ion Ratio Lower Upper
228 100
226 30.2 24.6 36.8
229 23.3 15.5 23.3





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.380 min Scan# 3484

Delta R.T. -0.000 min

Lab File: BM029684.D

Acq: 27 Apr 2021 21:29

Tgt Ion:264 Resp: 663342

Ion Ratio Lower Upper

264 100

260 23.9 19.8 29.8

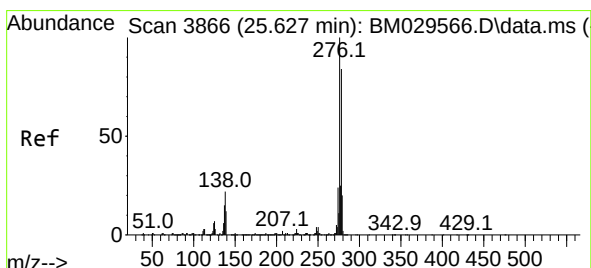
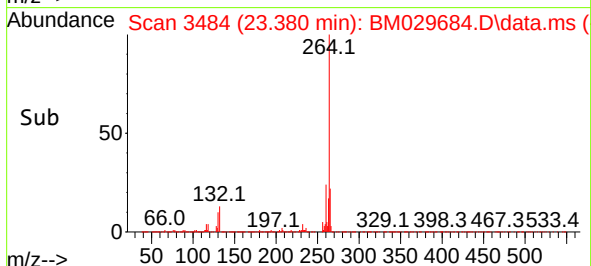
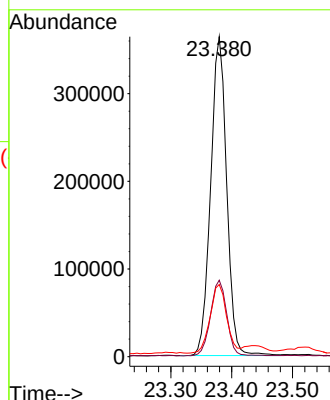
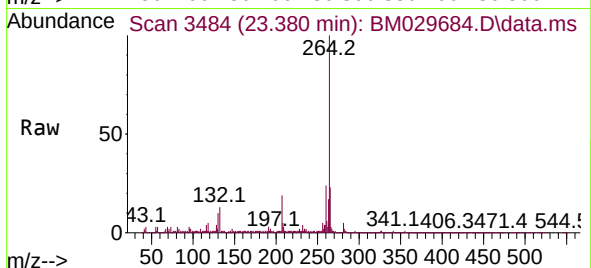
265 22.5 17.7 26.5

Instrument :

BNA_M

ClientSampleId :

TEST-PIT-I



#87

Indeno(1,2,3-cd)pyrene

Concen: 5.02 ng

RT: 25.562 min Scan# 3855

Delta R.T. -0.018 min

Lab File: BM029684.D

Acq: 27 Apr 2021 21:29

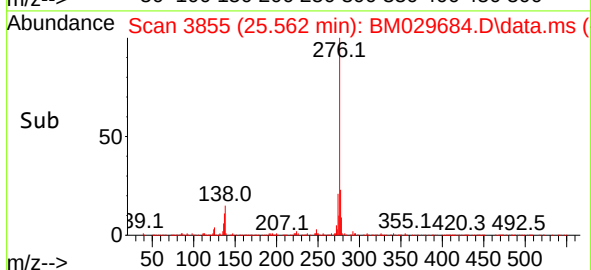
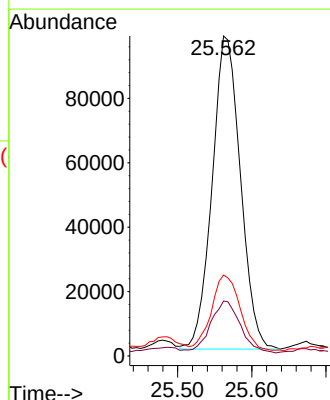
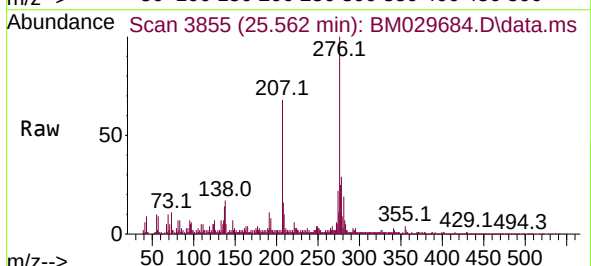
Tgt Ion:276 Resp: 257728

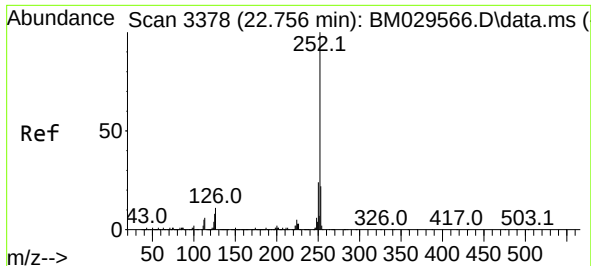
Ion Ratio Lower Upper

276 100

138 17.3 17.1 25.7

277 24.4 20.3 30.5

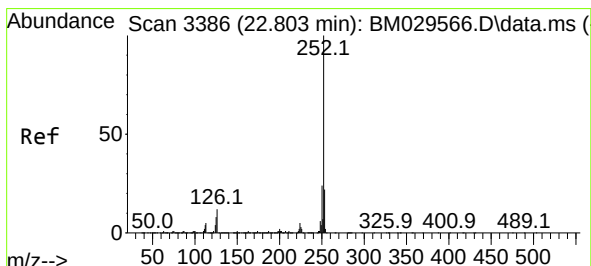
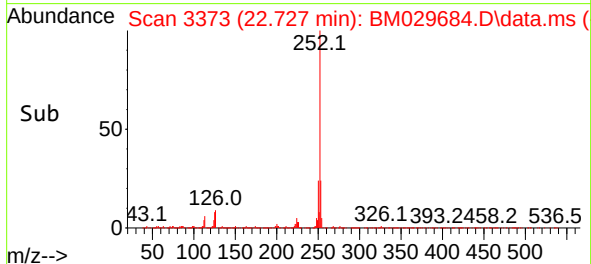
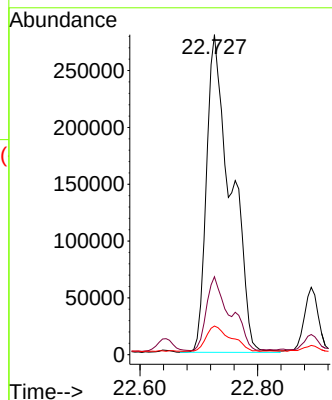
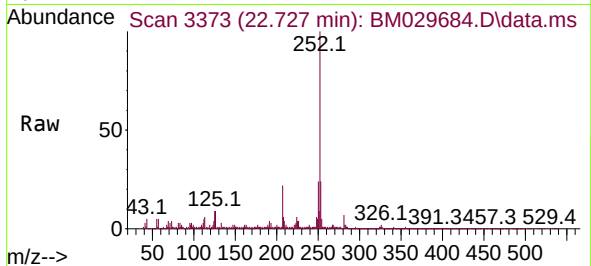




#88
Benzo(b)fluoranthene
Concen: 18.61 ng
RT: 22.727 min Scan# 3373
Delta R.T. -0.000 min
Lab File: BM029684.D
Acq: 27 Apr 2021 21:29

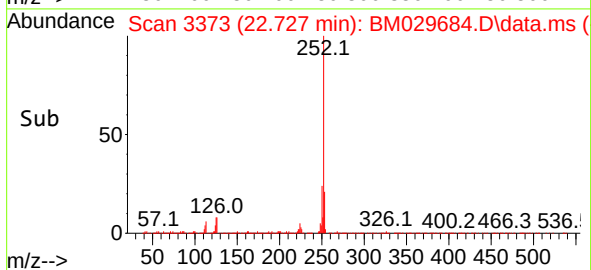
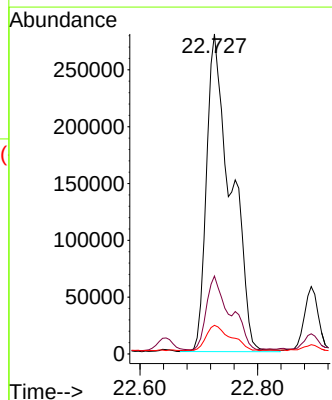
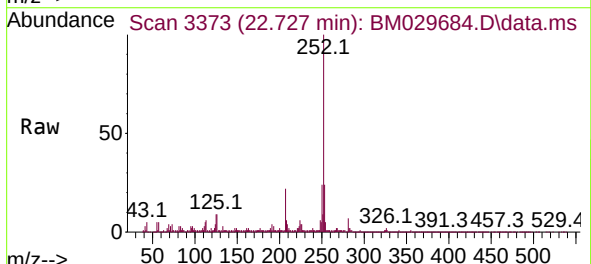
Instrument :
BNA_M
ClientSampleId :
TEST-PIT-I

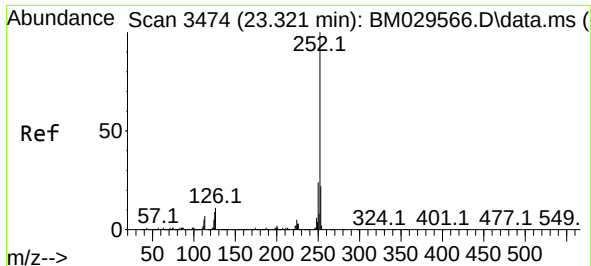
Tgt Ion:252 Resp: 804819
Ion Ratio Lower Upper
252 100
253 24.4 17.4 26.0
125 8.9 6.8 10.2



#89
Benzo(k)fluoranthene
Concen: 18.56 ng
RT: 22.727 min Scan# 3373
Delta R.T. -0.047 min
Lab File: BM029684.D
Acq: 27 Apr 2021 21:29

Tgt Ion:252 Resp: 804819
Ion Ratio Lower Upper
252 100
253 24.4 17.4 26.2
125 8.9 6.2 9.2

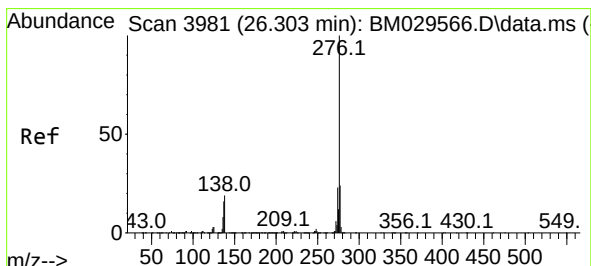
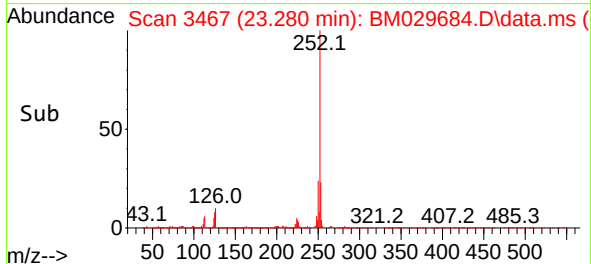
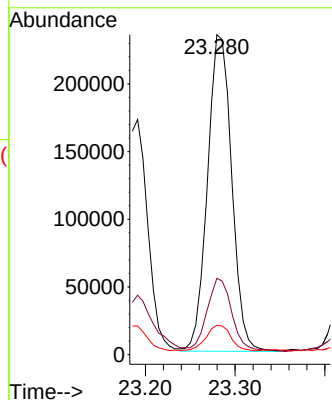
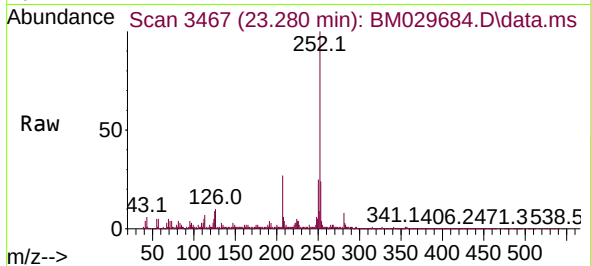




#90
Benzo(a)pyrene
Concen: 10.80 ng
RT: 23.280 min Scan# 3467
Delta R.T. -0.006 min
Lab File: BM029684.D
Acq: 27 Apr 2021 21:29

Instrument :
BNA_M
ClientSampleId :
TEST-PIT-I

Tgt Ion:252 Resp: 438500
Ion Ratio Lower Upper
252 100
253 23.9 17.7 26.5
125 9.2 7.3 10.9



#92
Benzo(g,h,i)perylene
Concen: 6.37 ng
RT: 26.238 min Scan# 3970
Delta R.T. -0.012 min
Lab File: BM029684.D
Acq: 27 Apr 2021 21:29

Tgt Ion:276 Resp: 260560
Ion Ratio Lower Upper
276 100
277 25.3 19.4 29.2
138 16.0 14.4 21.6

