

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042721\
 Data File : BM029683.D
 Acq On : 27 Apr 2021 20:52
 Operator : CG/JU
 Sample : M2187-03 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TEST-PIT-II

Quant Time: Apr 28 01:23:07 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)

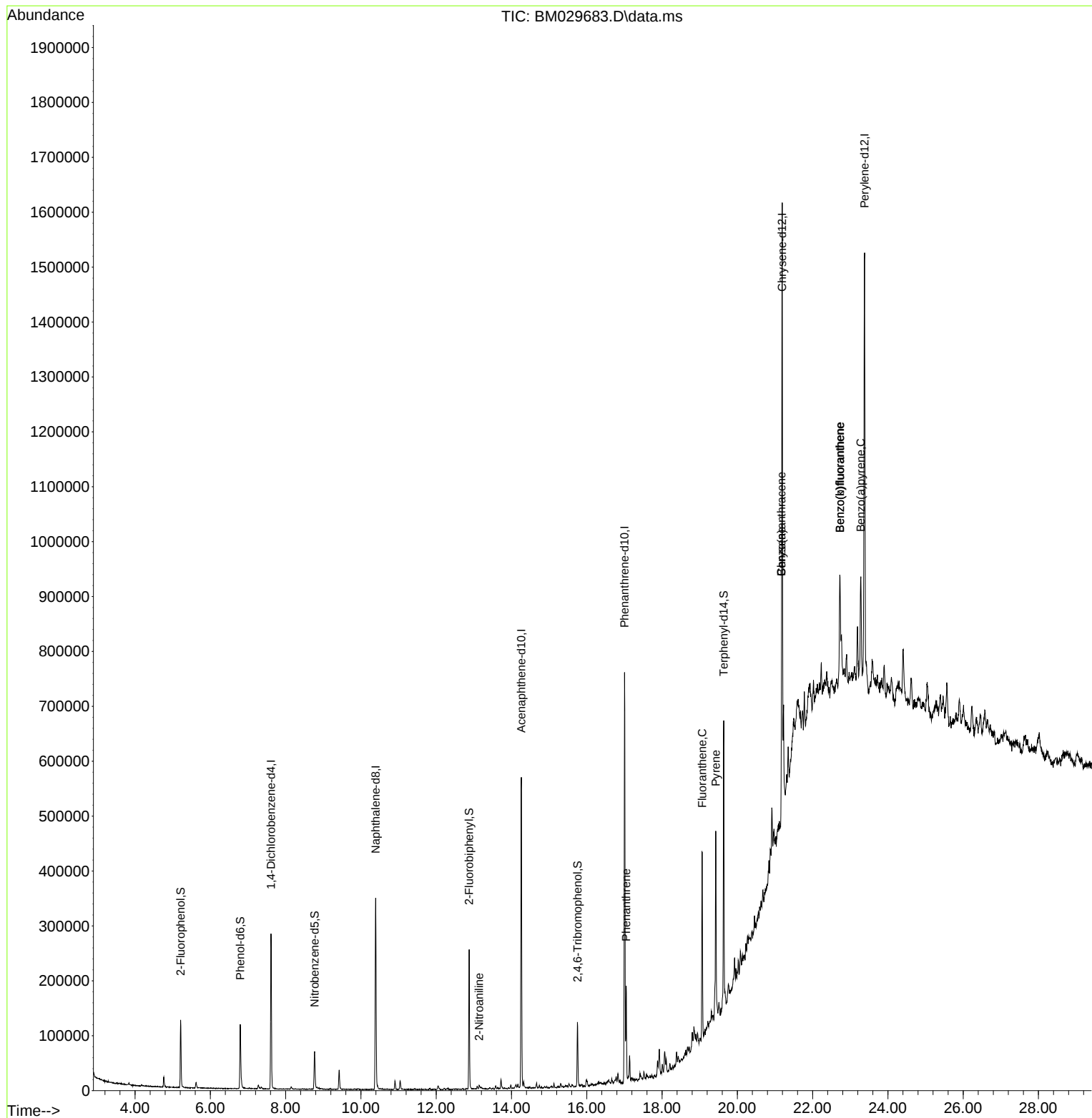
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	81223	20.00	ng	-0.01
21) Naphthalene-d8	10.392	136	292618	20.00	ng	0.00
39) Acenaphthene-d10	14.263	164	200343	20.00	ng	0.00
64) Phenanthrene-d10	17.004	188	453495	20.00	ng	0.00
76) Chrysene-d12	21.192	240	517776	20.00	ng	0.00
86) Perylene-d12	23.380	264	556898	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.210	112	54755	13.52	ng	0.00
7) Phenol-d6	6.793	99	69520	11.49	ng	0.00
23) Nitrobenzene-d5	8.769	82	44683	7.86	ng	0.00
42) 2,4,6-Tribromophenol	15.757	330	22483	8.11	ng	0.00
45) 2-Fluorobiphenyl	12.875	172	140715	9.53	ng	-0.01
79) Terphenyl-d14	19.639	244	235437	8.62	ng	0.00
Target Compounds						
						Qvalue
48) 2-Nitroaniline	13.139	65	398	2.97	ng	# 4
71) Phenanthrene	17.045	178	104535	4.00	ng	99
75) Fluoranthene	19.068	202	215128	6.79	ng	98
78) Pyrene	19.427	202	201981	6.06	ng	97
81) Benzo(a)anthracene	21.174	228	111968	3.27	ng	97
83) Chrysene	21.174	228	111968	3.33	ng	97
88) Benzo(b)fluoranthene	22.727	252	172367	4.75	ng	# 86
89) Benzo(k)fluoranthene	22.727	252	172367	4.74	ng	# 85
90) Benzo(a)pyrene	23.280	252	99118	2.91	ng	# 89

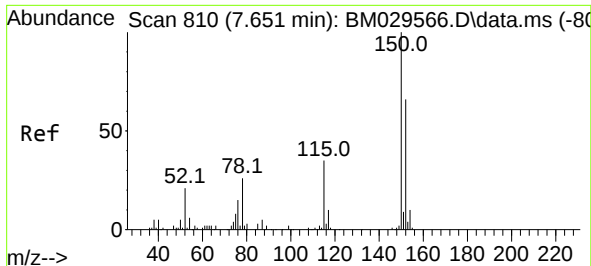
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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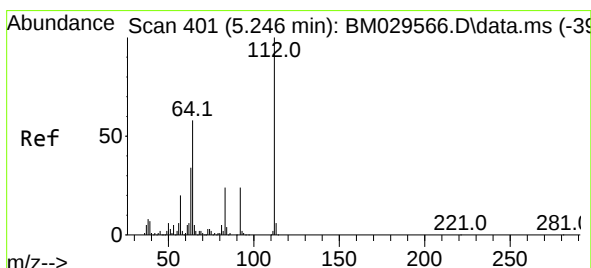
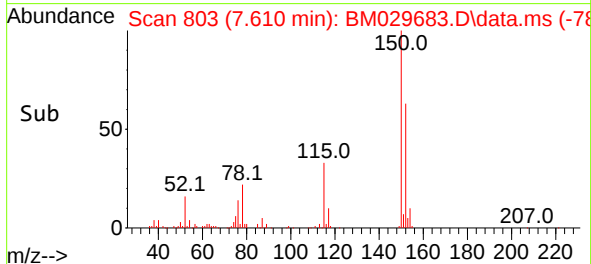
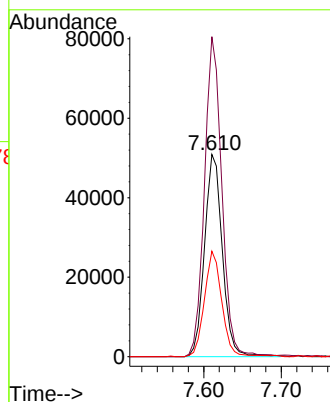
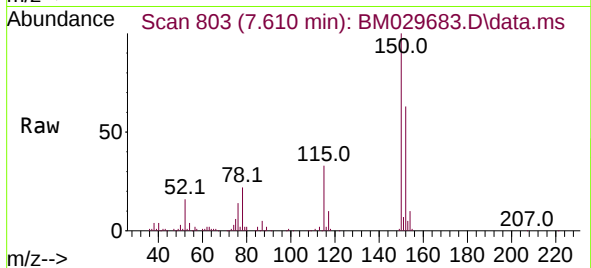




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.610 min Scan# 803
Delta R.T. -0.012 min
Lab File: BM029683.D
Acq: 27 Apr 2021 20:52

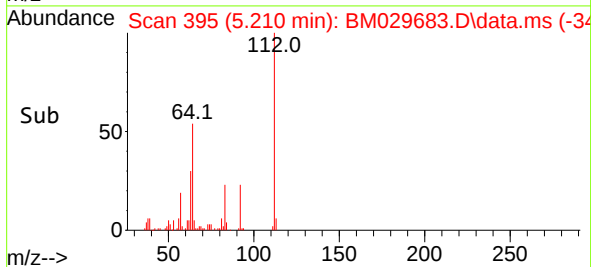
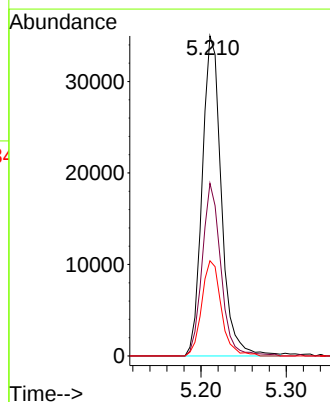
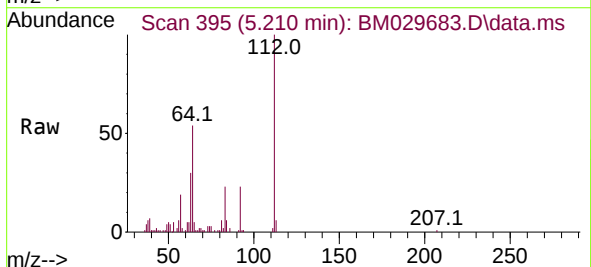
Instrument :
BNA_M
ClientSampleId :
TEST-PIT-II

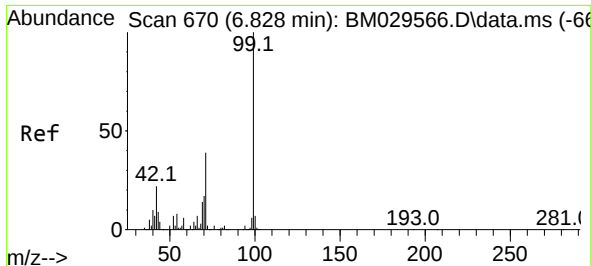
Tgt Ion:152 Resp: 81223
Ion Ratio Lower Upper
152 100
150 158.3 125.9 188.9
115 52.2 44.6 67.0



#5
2-Fluorophenol
Concen: 13.52 ng
RT: 5.210 min Scan# 395
Delta R.T. -0.006 min
Lab File: BM029683.D
Acq: 27 Apr 2021 20:52

Tgt Ion:112 Resp: 54755
Ion Ratio Lower Upper
112 100
64 54.0 47.1 70.7
63 29.8 27.3 40.9

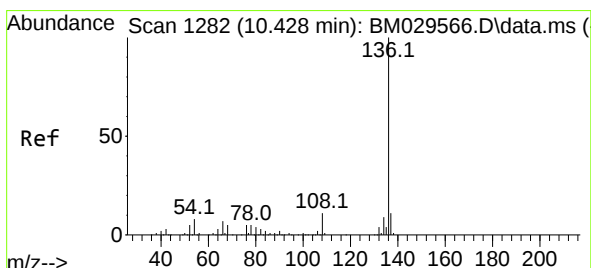
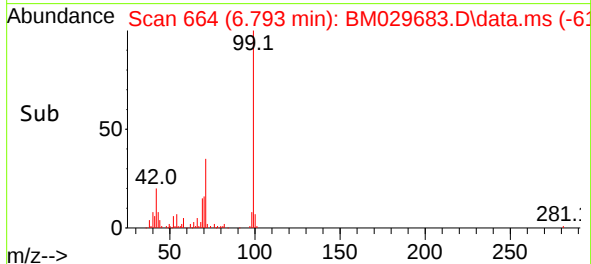
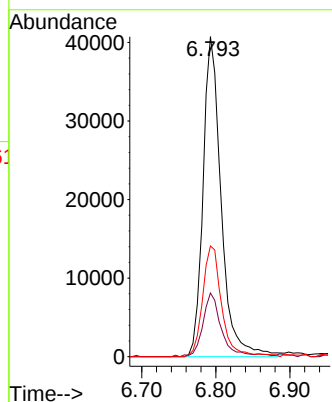
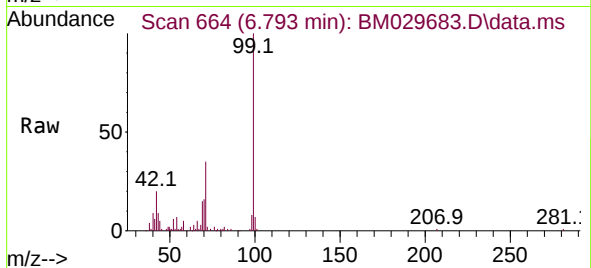




#7
Phenol-d6
Concen: 11.49 ng
RT: 6.793 min Scan# 664
Delta R.T. -0.006 min
Lab File: BM029683.D
Acq: 27 Apr 2021 20:52

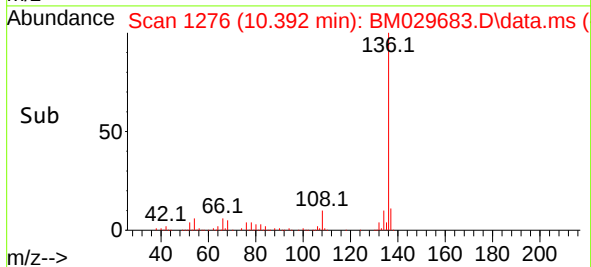
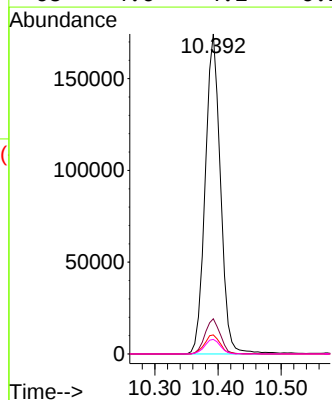
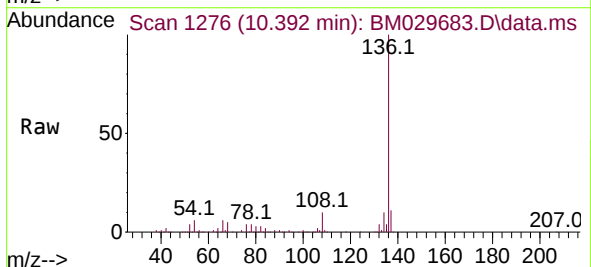
Instrument :
BNA_M
ClientSampleId :
TEST-PIT-II

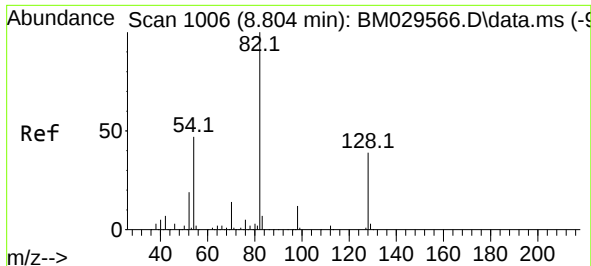
Tgt Ion:	99	Resp:	69520
Ion	Ratio	Lower	Upper
99	100		
42	19.9	18.0	27.0
71	34.6	30.9	46.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.392 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BM029683.D
Acq: 27 Apr 2021 20:52

Tgt Ion:	136	Resp:	292618
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	6.0	5.5	8.3
68	4.6	4.2	6.2

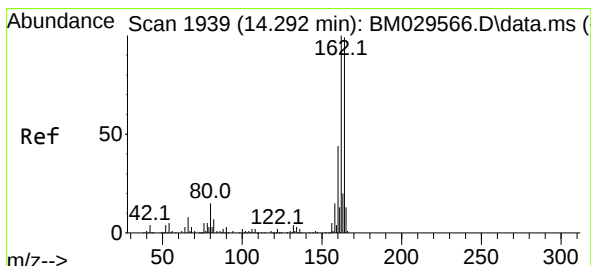
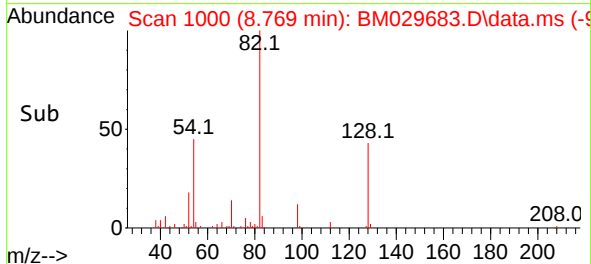
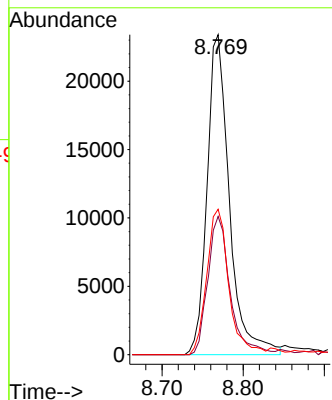
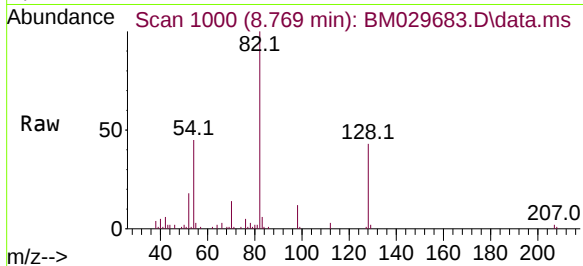




#23
Nitrobenzene-d5
Concen: 7.86 ng
RT: 8.769 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BM029683.D
Acq: 27 Apr 2021 20:52

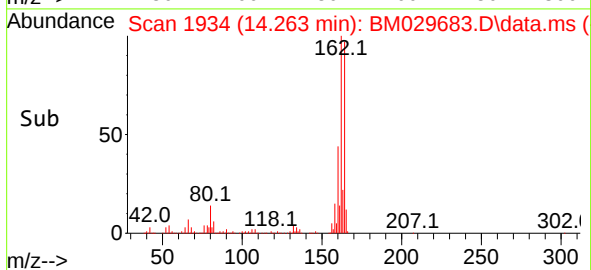
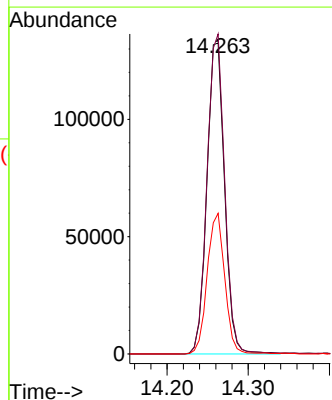
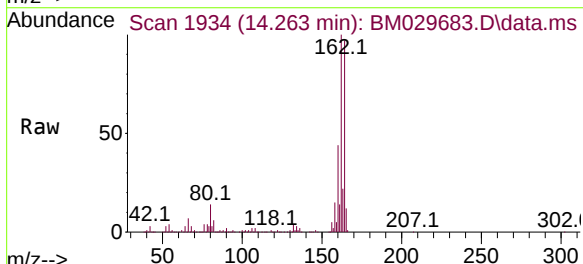
Instrument :
BNA_M
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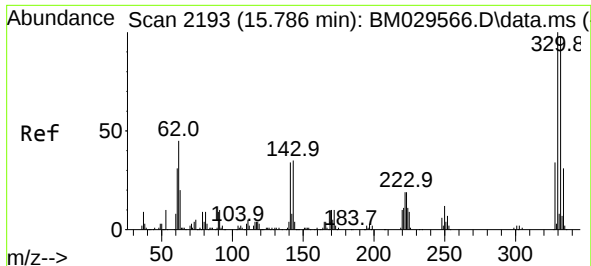
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.2	31.1	46.7
54	45.5	37.3	55.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.263 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BM029683.D
Acq: 27 Apr 2021 20:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	83.4	125.0
160	45.2	37.2	55.8

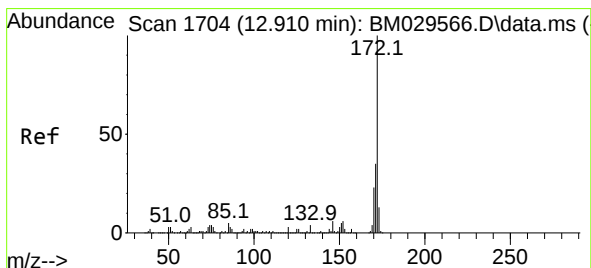
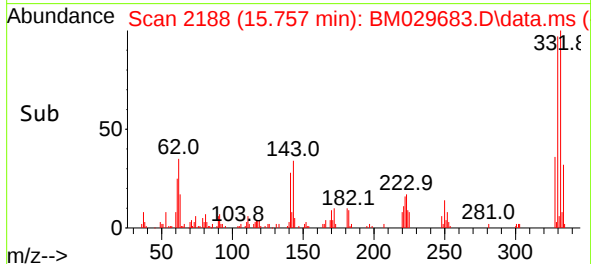
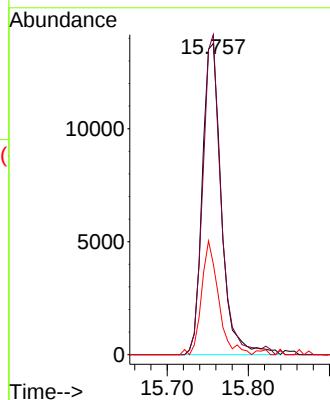
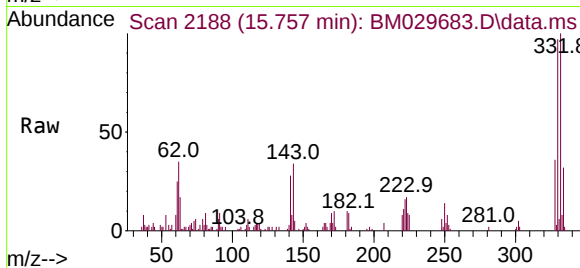




#42
2,4,6-Tribromophenol
Concen: 8.11 ng
RT: 15.757 min Scan# 2188
Delta R.T. -0.006 min
Lab File: BM029683.D
Acq: 27 Apr 2021 20:52

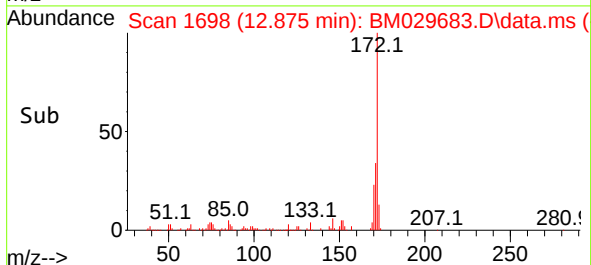
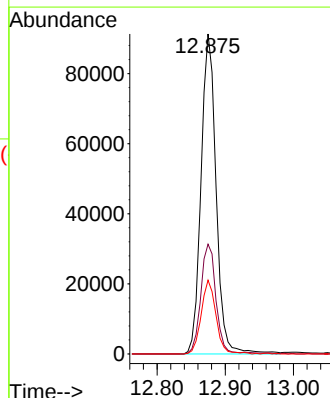
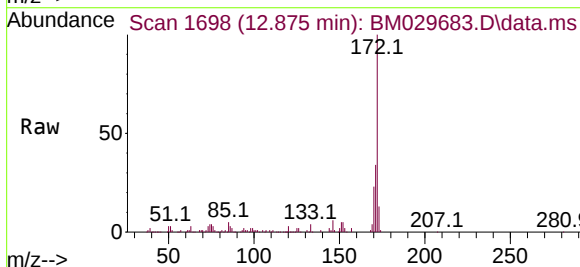
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BNA_M
ClientSampleId :
TEST-PIT-II

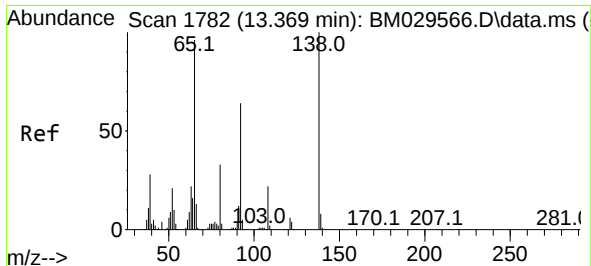
Tgt Ion:330 Resp: 22483
Ion Ratio Lower Upper
330 100
332 98.9 77.0 115.4
141 32.4 30.2 45.2



#45
2-Fluorobiphenyl
Concen: 9.53 ng
RT: 12.875 min Scan# 1698
Delta R.T. -0.012 min
Lab File: BM029683.D
Acq: 27 Apr 2021 20:52

Tgt Ion:172 Resp: 140715
Ion Ratio Lower Upper
172 100
171 34.3 28.6 43.0
170 23.1 18.4 27.6

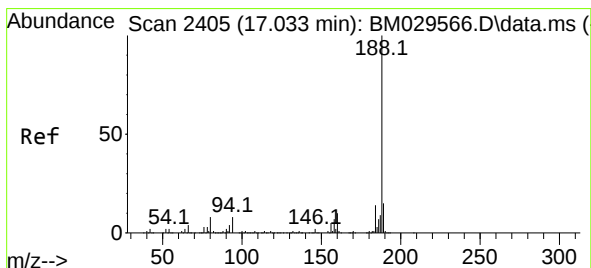
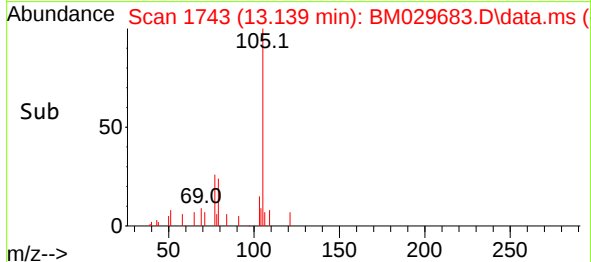
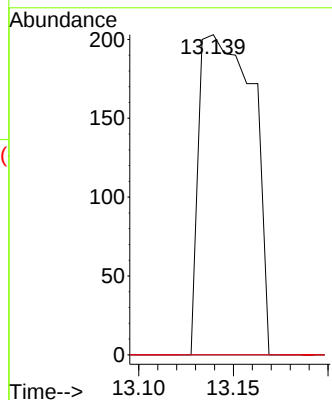
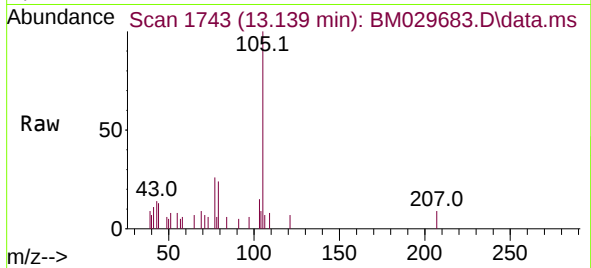




#48
2-Nitroaniline
Concen: 2.97 ng
RT: 13.139 min Scan# 1743
Delta R.T. -0.206 min
Lab File: BM029683.D
Acq: 27 Apr 2021 20:52

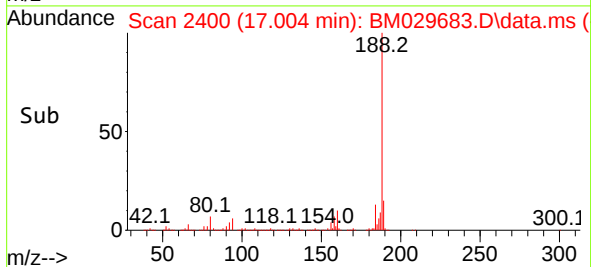
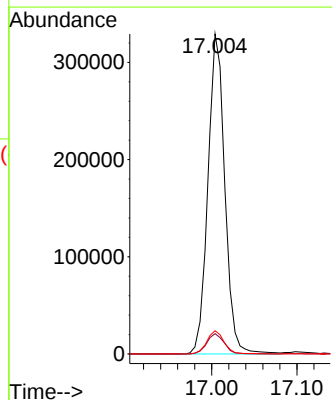
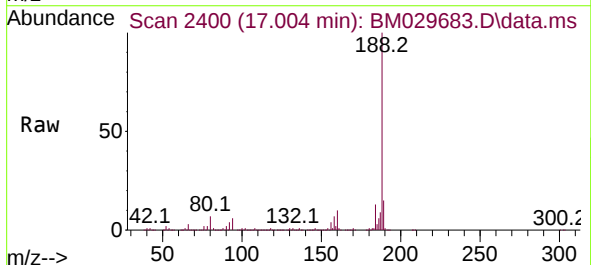
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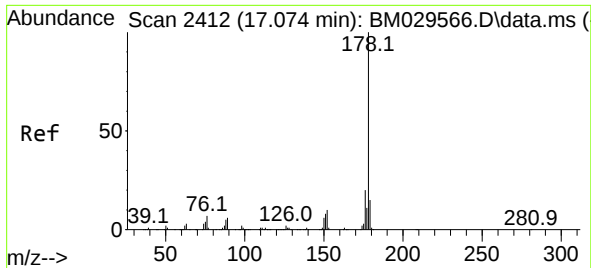
Tgt Ion: 65 Resp: 398
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 85.7 128.5#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.004 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BM029683.D
Acq: 27 Apr 2021 20:52

Tgt Ion:188 Resp: 453495
Ion Ratio Lower Upper
188 100
94 6.3 6.0 9.0
80 7.2 6.6 9.8

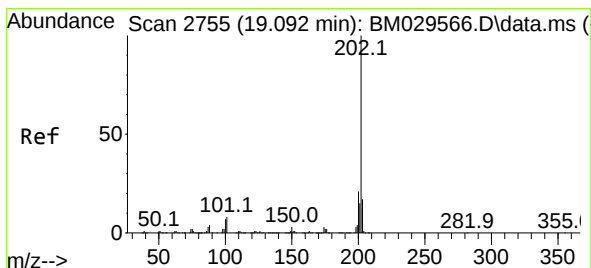
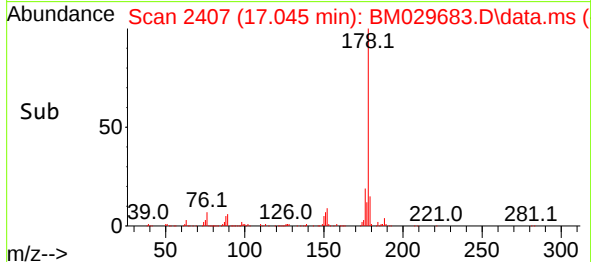
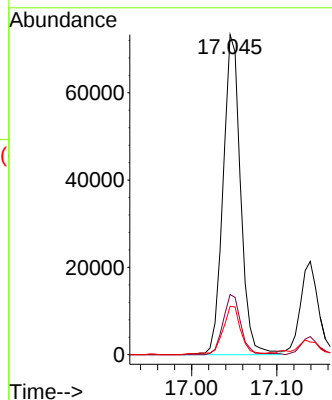
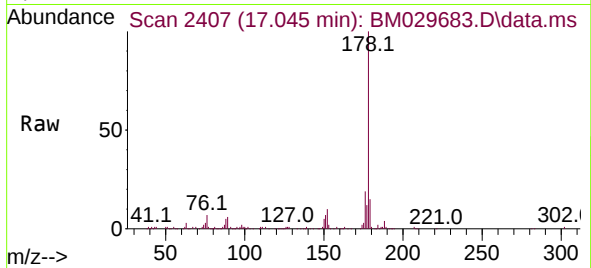




#71
Phenanthrene
Concen: 4.00 ng
RT: 17.045 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM029683.D
Acq: 27 Apr 2021 20:52

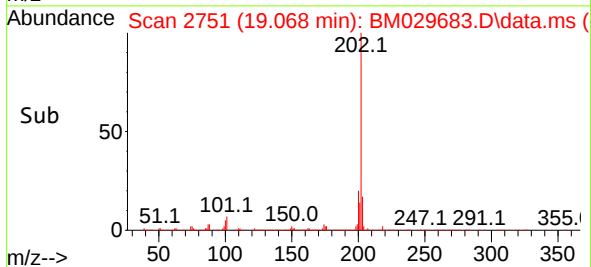
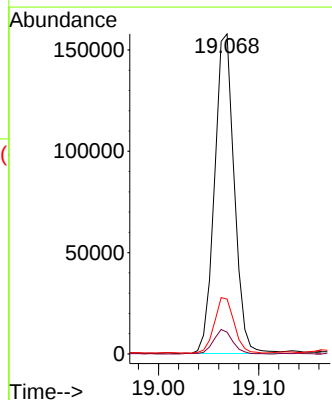
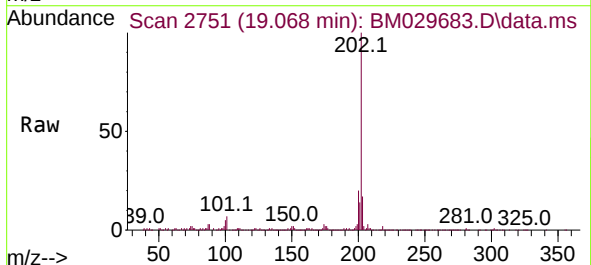
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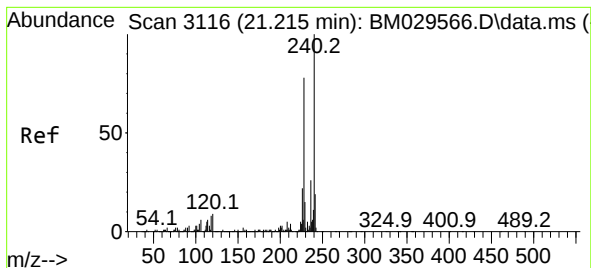
Tgt Ion:178 Resp: 104535
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 15.1 12.2 18.4



#75
Fluoranthene
Concen: 6.79 ng
RT: 19.068 min Scan# 2751
Delta R.T. -0.006 min
Lab File: BM029683.D
Acq: 27 Apr 2021 20:52

Tgt Ion:202 Resp: 215128
Ion Ratio Lower Upper
202 100
101 6.8 0.0 28.6
203 17.2 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: BM029683.D

Acq: 27 Apr 2021 20:52

Tgt Ion:240 Resp: 517776

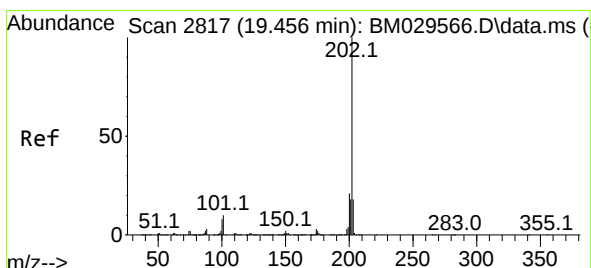
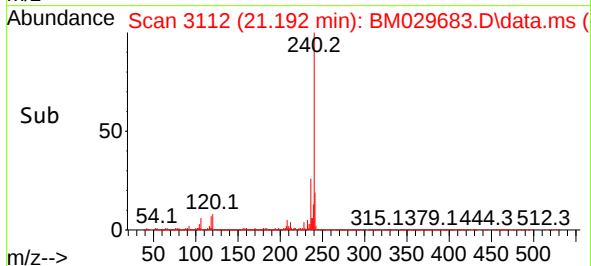
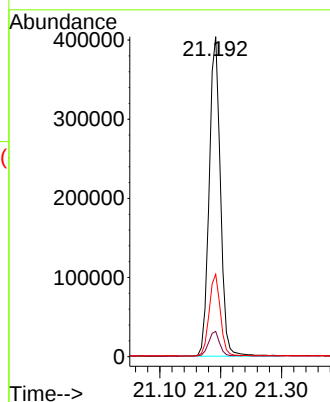
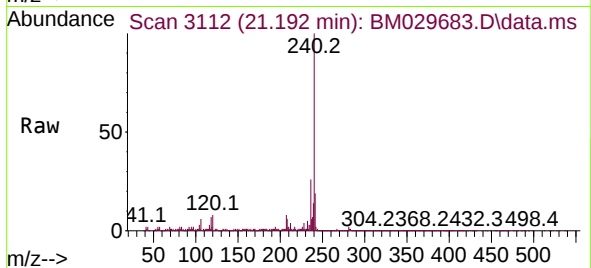
Ion	Ratio	Lower	Upper
240	100		
120	7.9	7.0	10.6
236	25.7	21.0	31.4

Instrument :

BNA_M

ClientSampled :

TEST-PIT-II



#78

Pyrene

Concen: 6.06 ng

RT: 19.427 min Scan# 2812

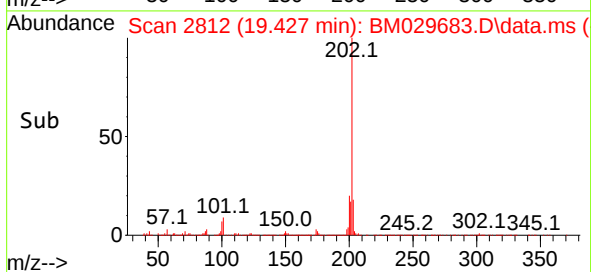
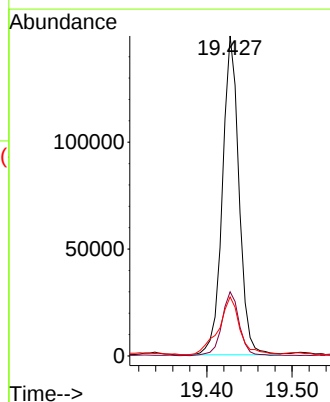
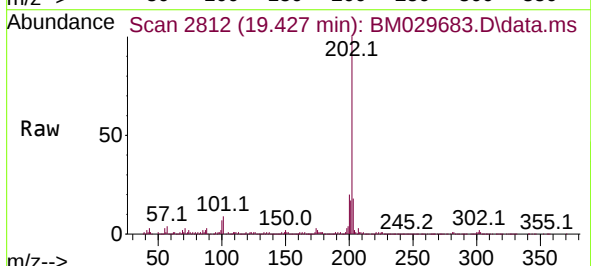
Delta R.T. -0.006 min

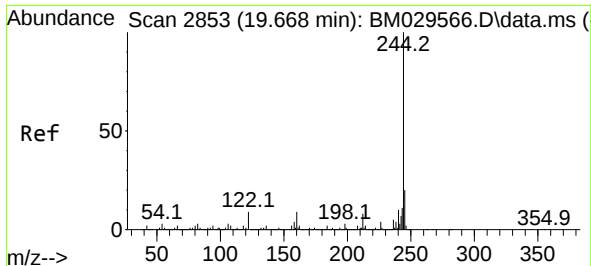
Lab File: BM029683.D

Acq: 27 Apr 2021 20:52

Tgt Ion:202 Resp: 201981

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.3	25.9
203	18.4	13.9	20.9

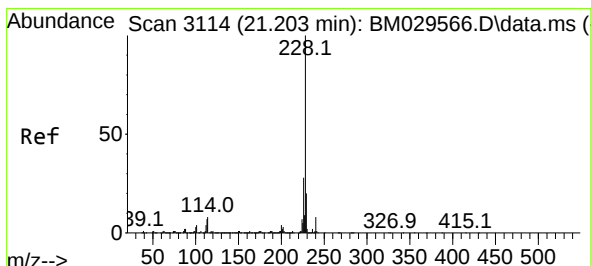
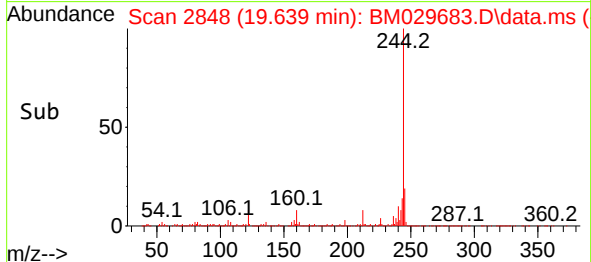
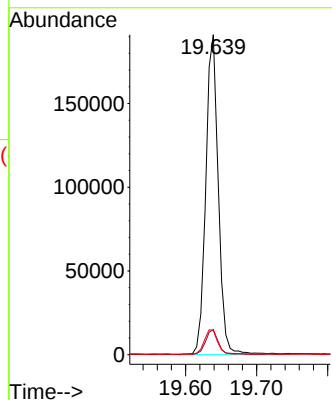
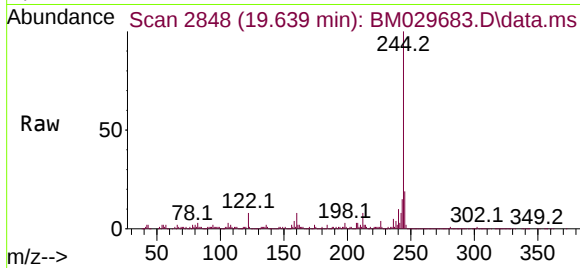




#79
 Terphenyl-d14
 Concen: 8.62 ng
 RT: 19.639 min Scan# 2848
 Delta R.T. -0.006 min
 Lab File: BM029683.D
 Acq: 27 Apr 2021 20:52

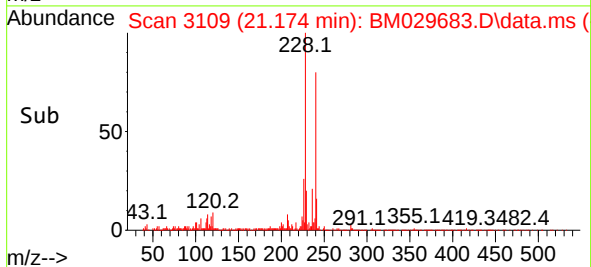
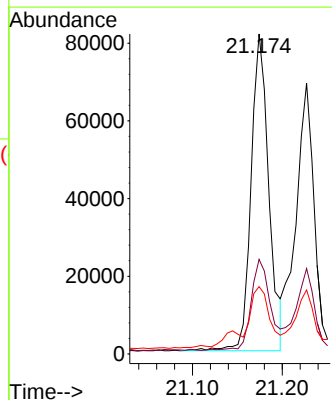
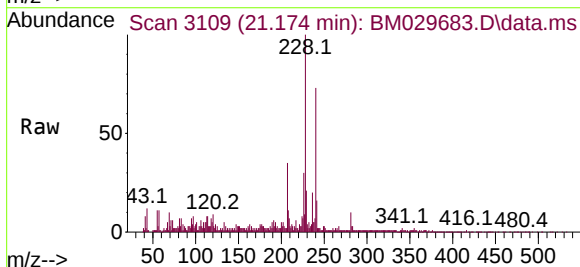
Instrument :
 BNA_M
 ClientSampleId :
 TEST-PIT-II

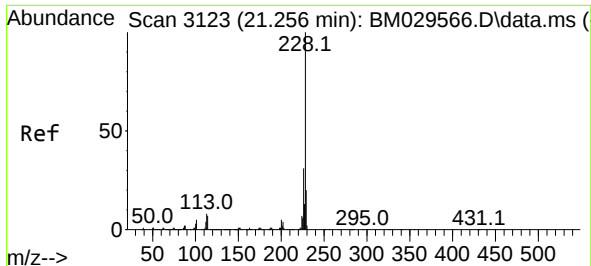
Tgt Ion:244 Resp: 235437
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 7.6 6.9 10.3



#81
 Benzo(a)anthracene
 Concen: 3.27 ng
 RT: 21.174 min Scan# 3109
 Delta R.T. -0.006 min
 Lab File: BM029683.D
 Acq: 27 Apr 2021 20:52

Tgt Ion:228 Resp: 111968
 Ion Ratio Lower Upper
 228 100
 226 29.6 22.3 33.5
 229 21.1 15.7 23.5

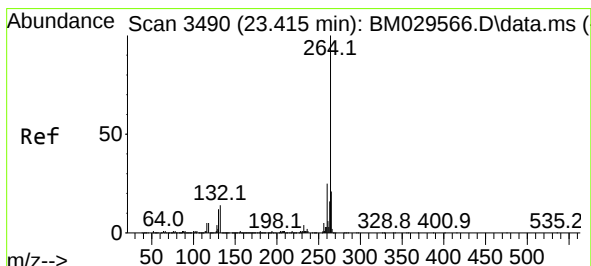
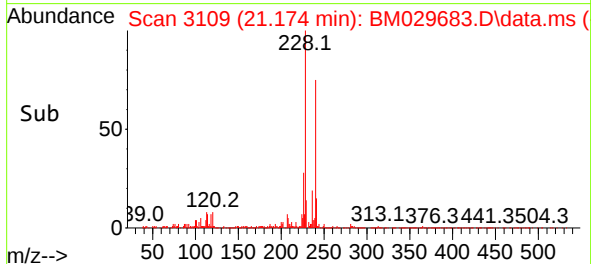
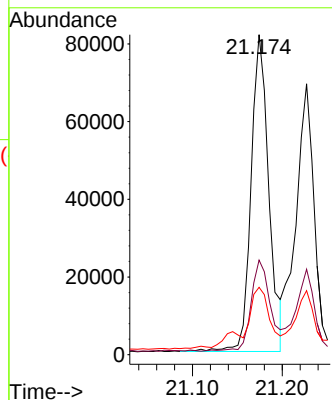
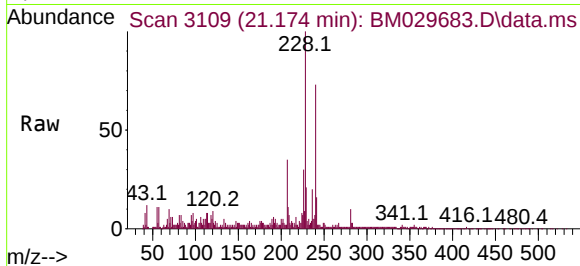




#83
Chrysene
Concen: 3.33 ng
RT: 21.174 min Scan# 3109
Delta R.T. -0.059 min
Lab File: BM029683.D
Acq: 27 Apr 2021 20:52

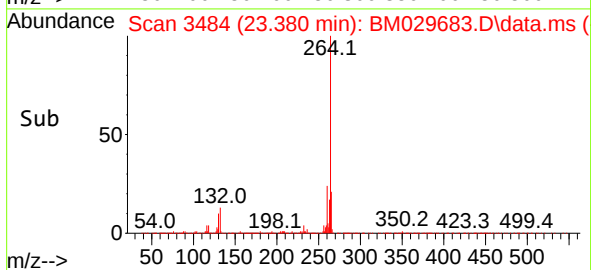
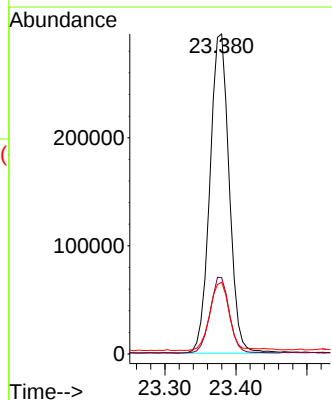
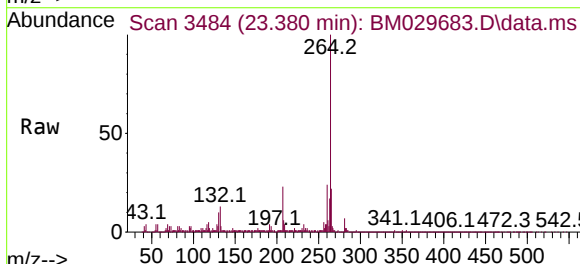
Instrument :
BNA_M
ClientSampleId :
TEST-PIT-II

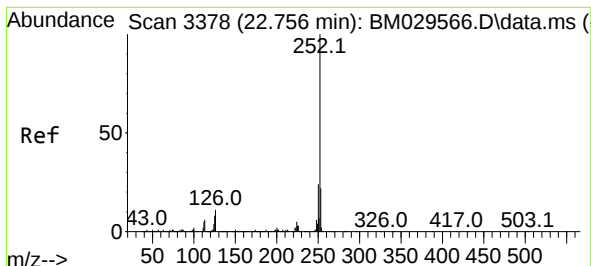
Tgt Ion:228 Resp: 111968
Ion Ratio Lower Upper
228 100
226 29.6 24.6 36.8
229 21.1 15.5 23.3



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.380 min Scan# 3484
Delta R.T. 0.000 min
Lab File: BM029683.D
Acq: 27 Apr 2021 20:52

Tgt Ion:264 Resp: 556898
Ion Ratio Lower Upper
264 100
260 23.9 19.8 29.8
265 22.4 17.7 26.5





#88

Benzo(b)fluoranthene

Concen: 4.75 ng

RT: 22.727 min Scan# 3373

Delta R.T. 0.000 min

Lab File: BM029683.D

Acq: 27 Apr 2021 20:52

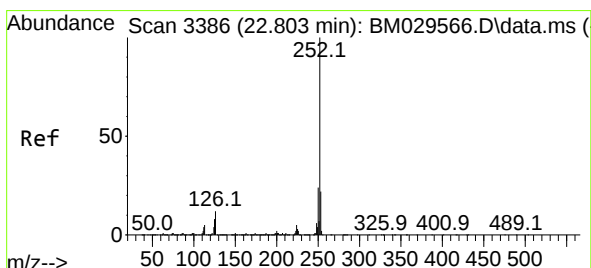
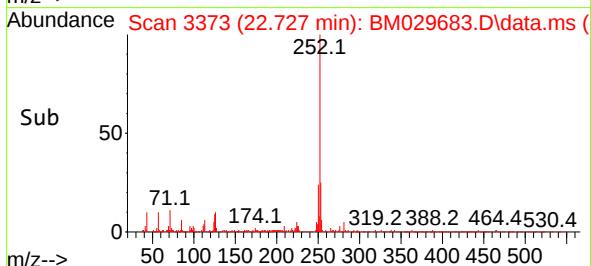
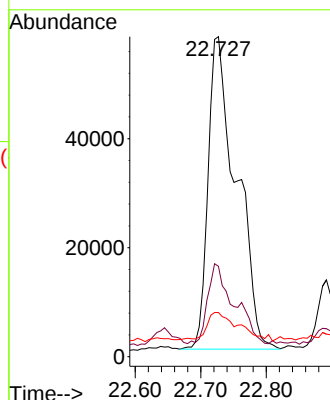
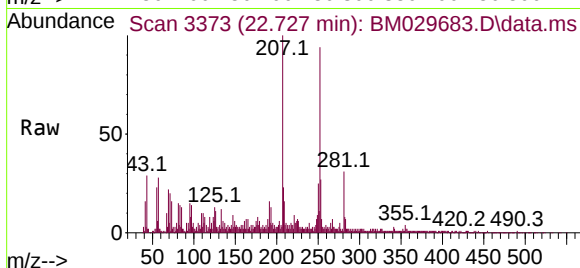
Instrument :

BNA_M

ClientSampleId :

TEST-PIT-II

Tgt Ion:252	Resp: 172367
Ion Ratio	Lower Upper
252	100
253	28.2 17.4 26.0#
125	13.8 6.8 10.2#



#89

Benzo(k)fluoranthene

Concen: 4.74 ng

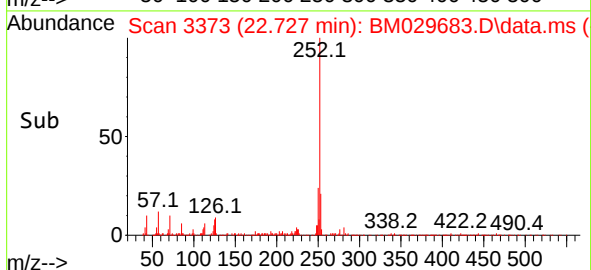
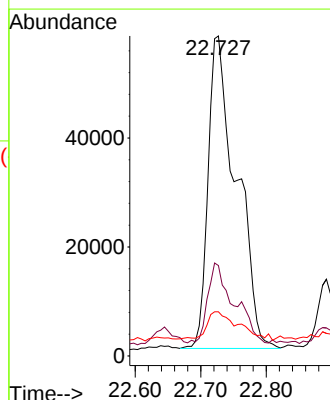
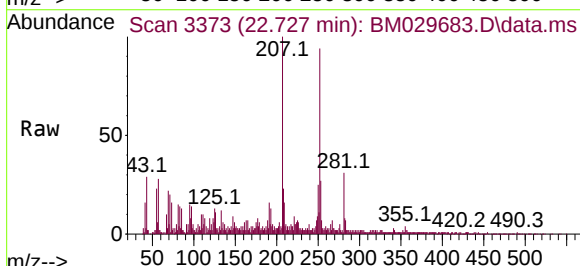
RT: 22.727 min Scan# 3373

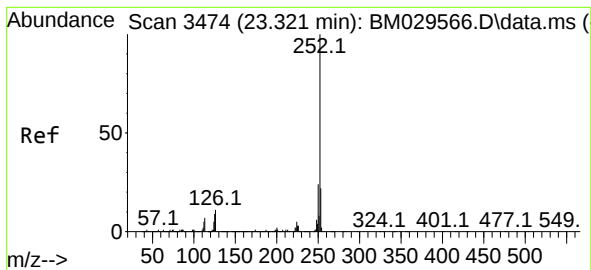
Delta R.T. -0.047 min

Lab File: BM029683.D

Acq: 27 Apr 2021 20:52

Tgt Ion:252	Resp: 172367
Ion Ratio	Lower Upper
252	100
253	28.2 17.4 26.2#
125	13.8 6.2 9.2#





#90

Benzo(a)pyrene

Concen: 2.91 ng

RT: 23.280 min Scan# 3467

Delta R.T. -0.006 min

Lab File: BM029683.D

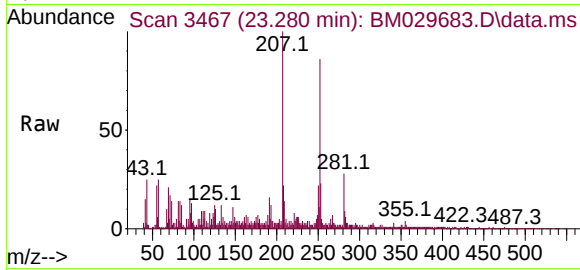
Acq: 27 Apr 2021 20:52

Instrument :

BNA_M

ClientSampleId :

TEST-PIT-II



Tgt Ion:252 Resp: 99118

Ion Ratio Lower Upper

252 100

253 27.0 17.7 26.5#

125 14.1 7.3 10.9#

