

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042621\
 Data File : BM029654.D
 Acq On : 26 Apr 2021 17:49
 Operator : CG/JU
 Sample : M2170-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BN-1

Quant Time: Apr 27 01:32:50 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)

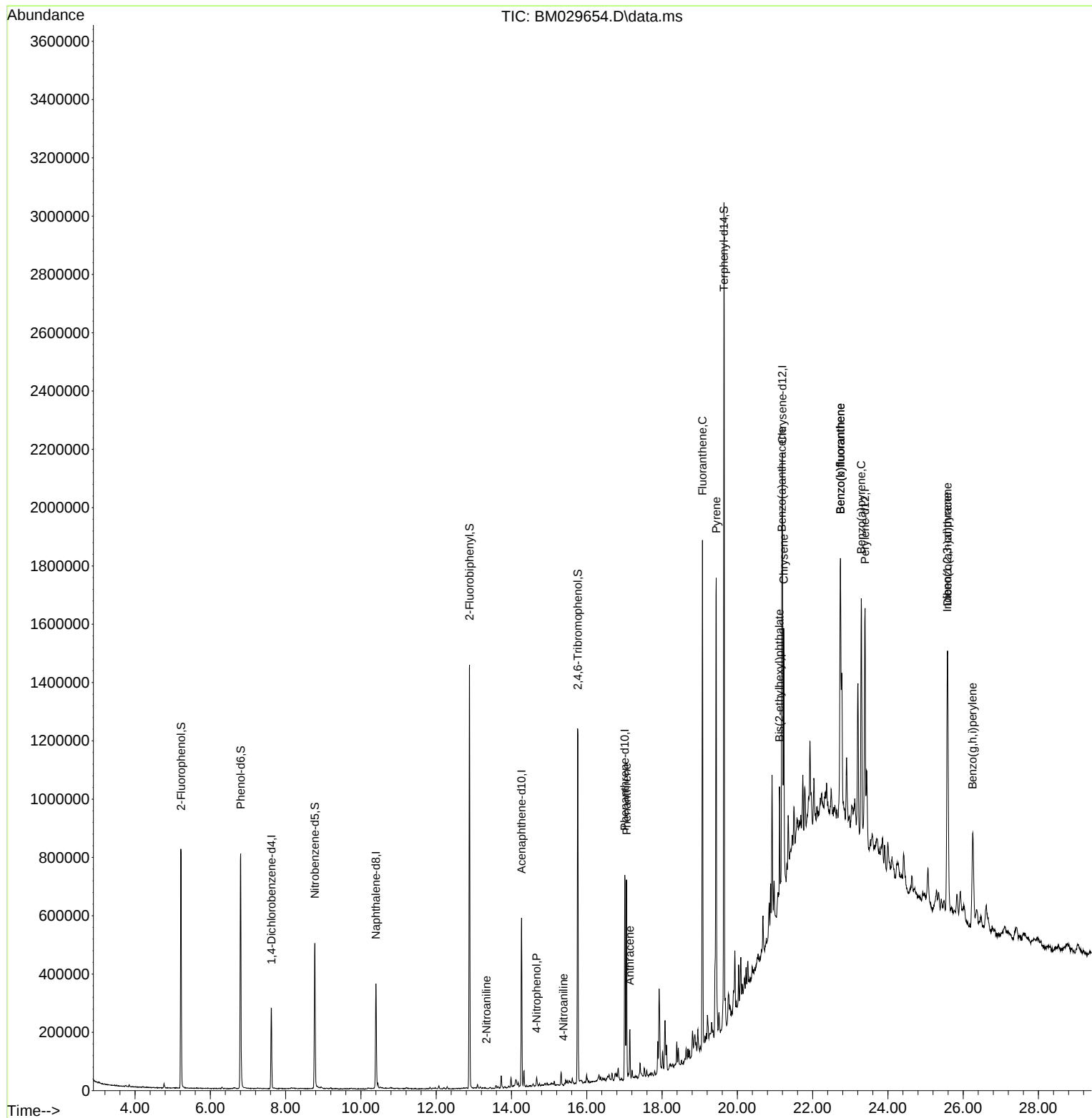
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	78936	20.00	ng	0.00
21) Naphthalene-d8	10.398	136	286675	20.00	ng	0.00
39) Acenaphthene-d10	14.269	164	193926	20.00	ng	0.00
64) Phenanthrene-d10	17.010	188	437371	20.00	ng	0.00
76) Chrysene-d12	21.198	240	496076	20.00	ng	0.00
86) Perylene-d12	23.391	264	525569	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.222	112	335070	85.10	ng	0.00
7) Phenol-d6	6.804	99	424943	72.26	ng	0.00
23) Nitrobenzene-d5	8.775	82	286306	51.44	ng	0.00
42) 2,4,6-Tribromophenol	15.763	330	220654	82.28	ng	0.00
45) 2-Fluorobiphenyl	12.886	172	775010	54.24	ng	0.00
79) Terphenyl-d14	19.645	244	1216172	46.48	ng	0.00
Target Compounds						Qvalue
48) 2-Nitroaniline	13.333	65	63	2.88	ng	# 4
56) 4-Nitrophenol	14.669	139	4947	2.07	ng	# 11
62) 4-Nitroaniline	15.380	138	59	3.47	ng	# 10
71) Phenanthrene	17.057	178	425974	16.91	ng	99
72) Anthracene	17.145	178	107935	4.34	ng	99
75) Fluoranthene	19.074	202	990050	32.42	ng	99
78) Pyrene	19.439	202	961032	30.11	ng	100
81) Benzo(a)anthracene	21.180	228	541562	16.50	ng	99
83) Chrysene	21.233	228	482704	14.97	ng	97
84) Bis(2-ethylhexyl)phtha...	21.121	149	133229	6.96	ng	99
87) Indeno(1,2,3-cd)pyrene	25.580	276	378739	9.32	ng	95
88) Benzo(b)fluoranthene	22.739	252	925403	27.00	ng	97
89) Benzo(k)fluoranthene	22.739	252	925403	26.94	ng	# 96
90) Benzo(a)pyrene	23.291	252	546849	16.99	ng	95
91) Dibenzo(a,h)anthracene	25.585	278	98906	2.82	ng	# 81
92) Benzo(g,h,i)perylene	26.250	276	386589	11.93	ng	100

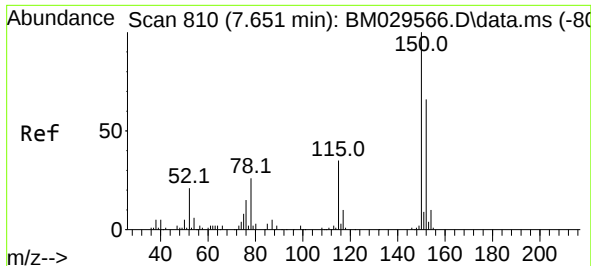
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042621\
Data File : BM029654.D
Acq On : 26 Apr 2021 17:49
Operator : CG/JU
Sample : M2170-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BN-1

Quant Time: Apr 27 01:32:50 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

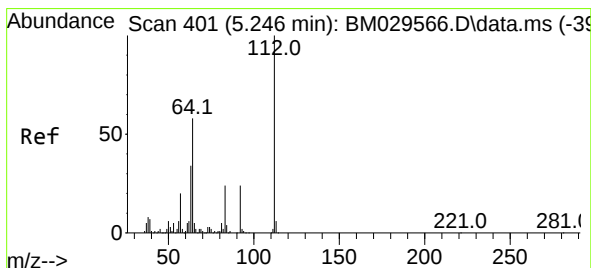
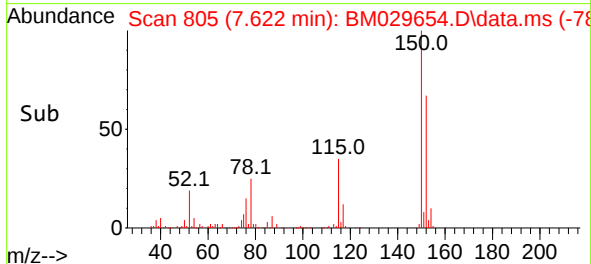
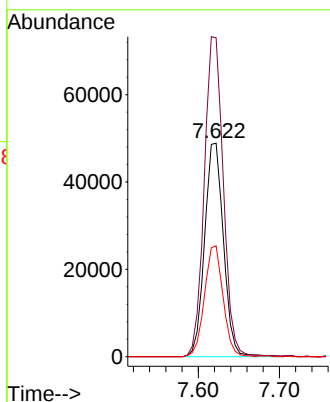
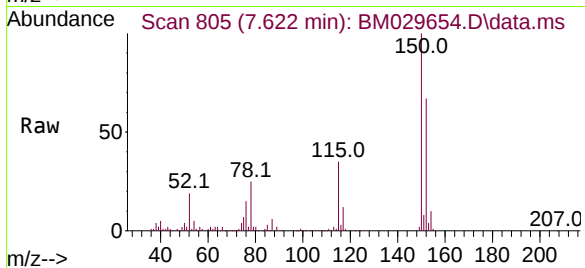




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.622 min Scan# 805
Delta R.T. -0.000 min
Lab File: BM029654.D
Acq: 26 Apr 2021 17:49

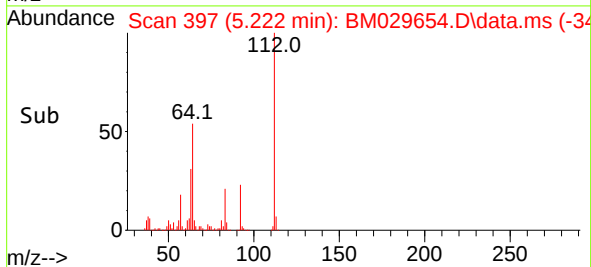
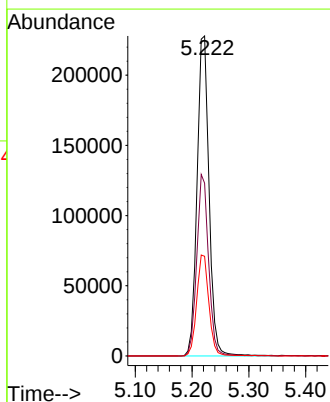
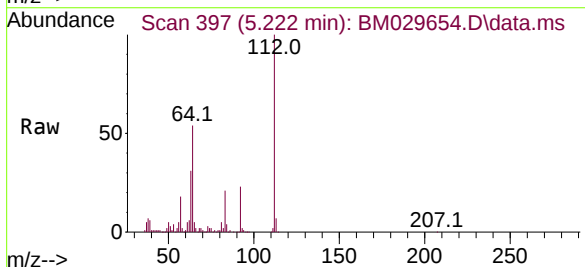
Instrument :
BNA_M
ClientSampleId :
BN-1

Tgt Ion:152 Resp: 78936
Ion Ratio Lower Upper
152 100
150 149.4 125.9 188.9
115 52.0 44.6 67.0



#5
2-Fluorophenol
Concen: 85.10 ng
RT: 5.222 min Scan# 397
Delta R.T. 0.006 min
Lab File: BM029654.D
Acq: 26 Apr 2021 17:49

Tgt Ion:112 Resp: 335070
Ion Ratio Lower Upper
112 100
64 54.0 47.1 70.7
63 31.2 27.3 40.9

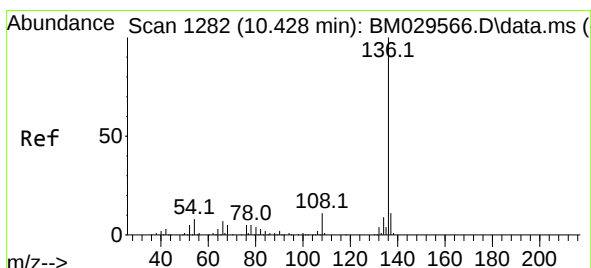
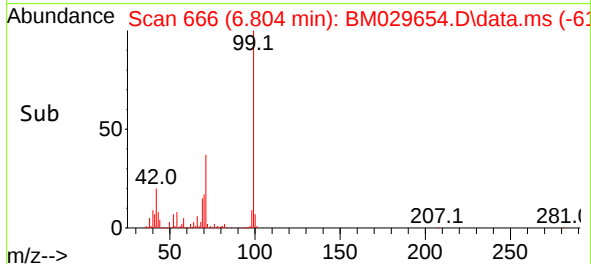
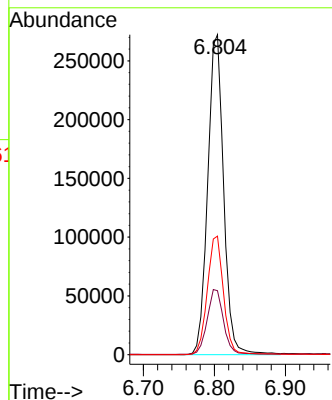
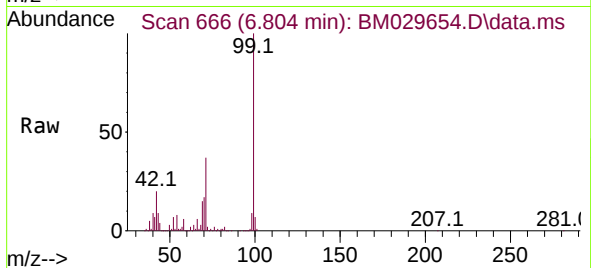




#7
Phenol-d6
Concen: 72.26 ng
RT: 6.804 min Scan# 666
Delta R.T. 0.006 min
Lab File: BM029654.D
Acq: 26 Apr 2021 17:49

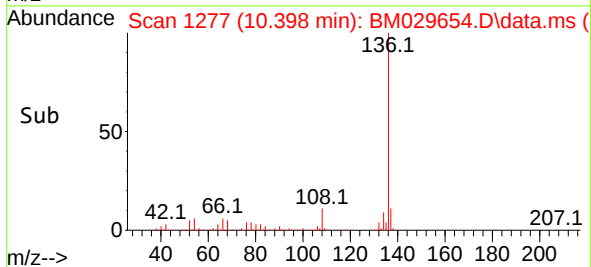
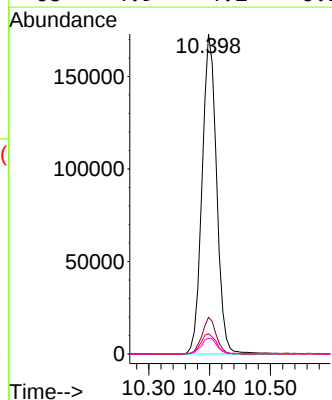
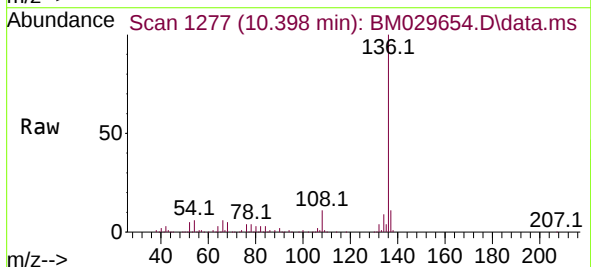
Instrument :
BNA_M
ClientSampled :
BN-1

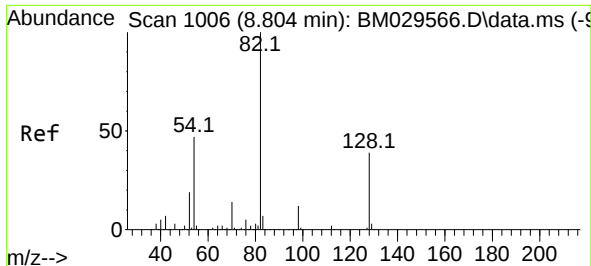
Tgt Ion: 99 Resp: 424943
Ion Ratio Lower Upper
99 100
42 20.0 18.0 27.0
71 37.0 30.9 46.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.398 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BM029654.D
Acq: 26 Apr 2021 17:49

Tgt Ion: 136 Resp: 286675
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 6.4 5.5 8.3
68 4.9 4.2 6.2

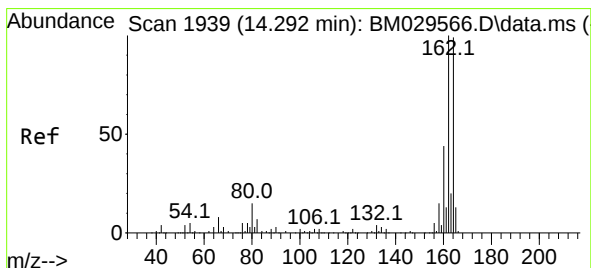
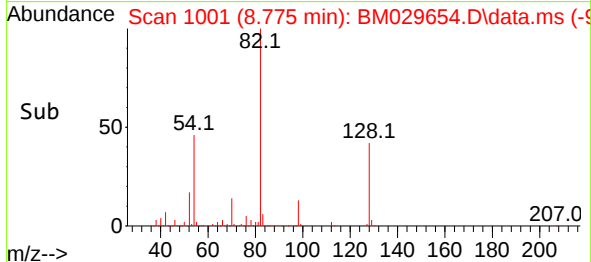
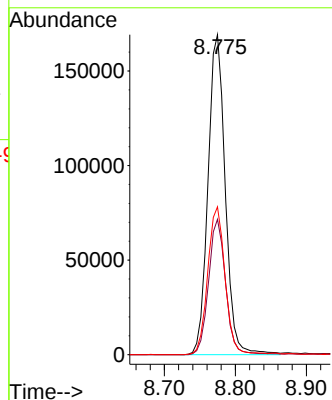
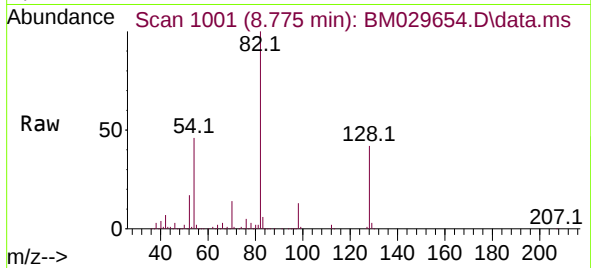




#23
Nitrobenzene-d5
Concen: 51.44 ng
RT: 8.775 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BM029654.D
Acq: 26 Apr 2021 17:49

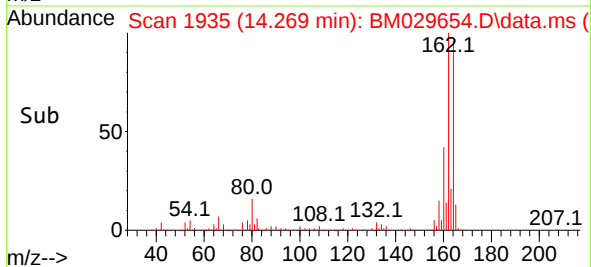
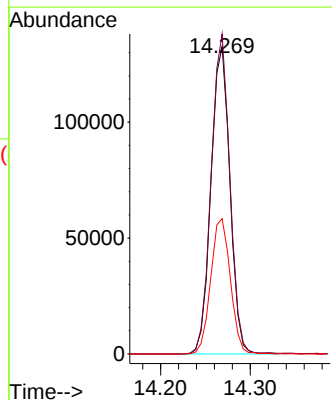
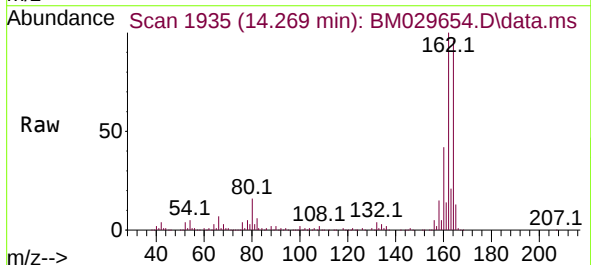
Instrument :
BNA_M
ClientSampleId :
BN-1

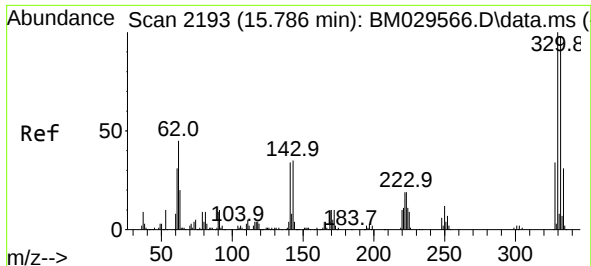
Tgt Ion: 82 Resp: 286306
Ion Ratio Lower Upper
82 100
128 42.3 31.1 46.7
54 46.2 37.3 55.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.269 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BM029654.D
Acq: 26 Apr 2021 17:49

Tgt Ion:164 Resp: 193926
Ion Ratio Lower Upper
164 100
162 104.1 83.4 125.0
160 44.0 37.2 55.8

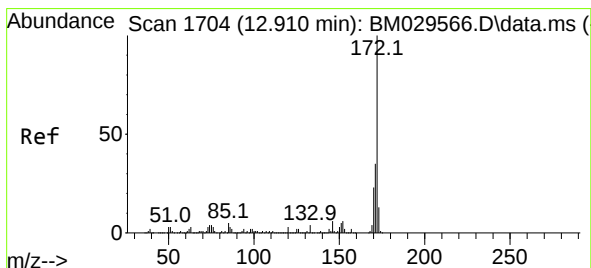
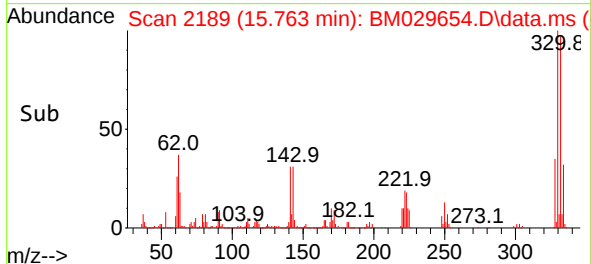
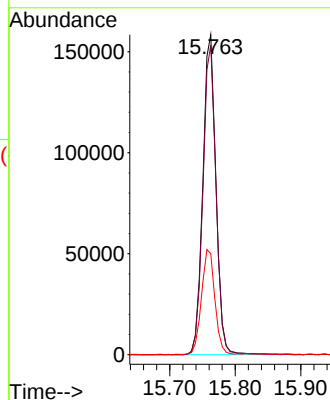
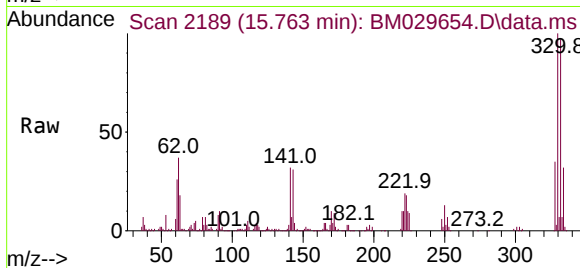




#42
2,4,6-Tribromophenol
Concen: 82.28 ng
RT: 15.763 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BM029654.D
Acq: 26 Apr 2021 17:49

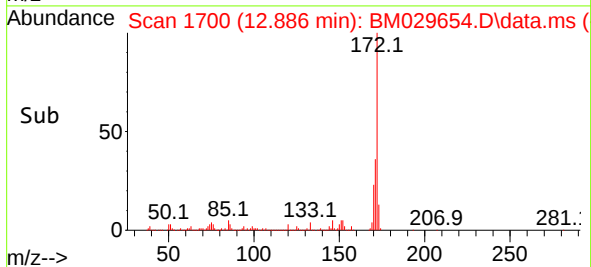
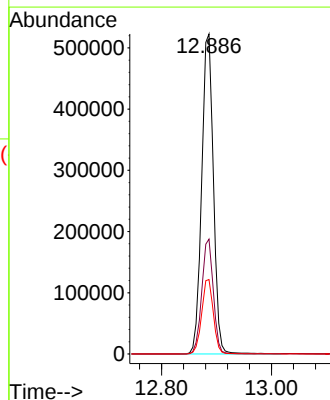
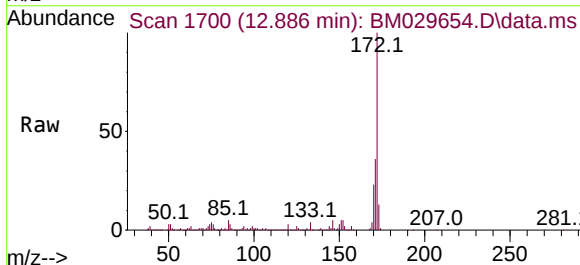
Instrument :
BNA_M
ClientSampleId :
BN-1

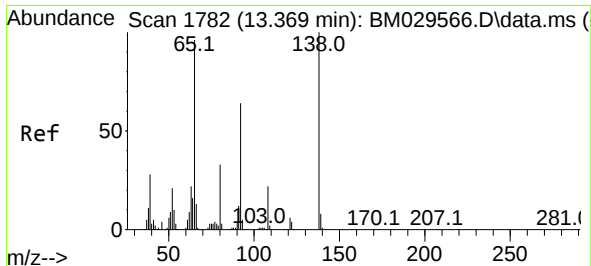
Tgt Ion:330 Resp: 220654
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 33.8 30.2 45.2



#45
2-Fluorobiphenyl
Concen: 54.24 ng
RT: 12.886 min Scan# 1700
Delta R.T. 0.000 min
Lab File: BM029654.D
Acq: 26 Apr 2021 17:49

Tgt Ion:172 Resp: 775010
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.3 18.4 27.6

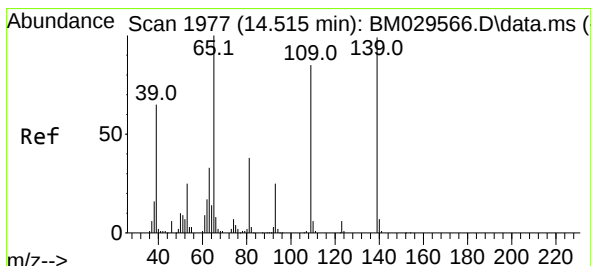
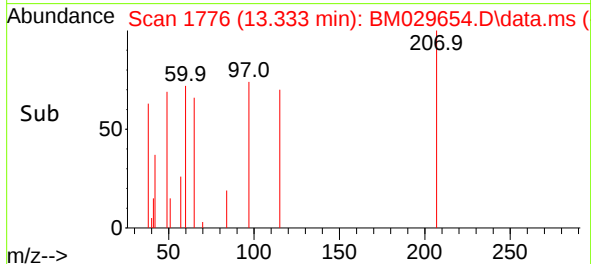
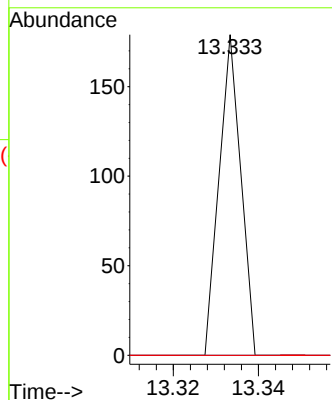
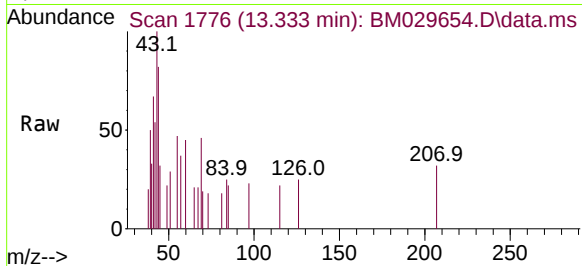




#48
2-Nitroaniline
Concen: 2.88 ng
RT: 13.333 min Scan# 1776
Delta R.T. -0.012 min
Lab File: BM029654.D
Acq: 26 Apr 2021 17:49

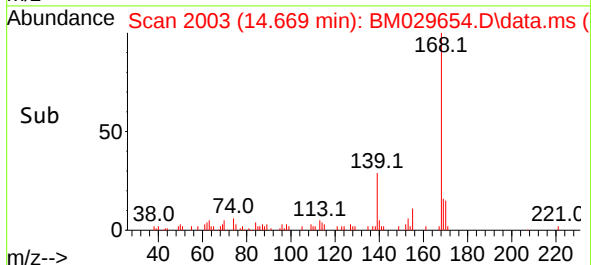
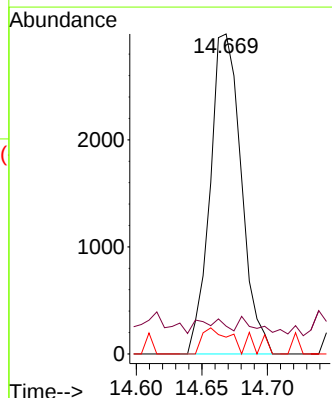
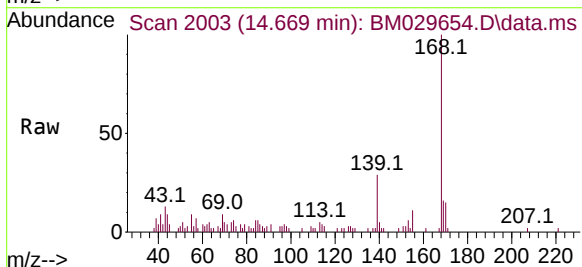
Instrument :
BNA_M
ClientSampleId :
BN-1

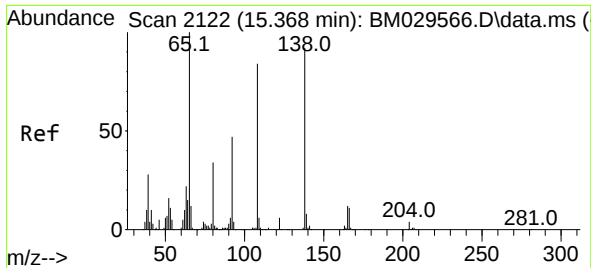
Tgt Ion: 65 Resp: 63
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 85.7 128.5#



#56
4-Nitrophenol
Concen: 2.07 ng
RT: 14.669 min Scan# 2003
Delta R.T. 0.171 min
Lab File: BM029654.D
Acq: 26 Apr 2021 17:49

Tgt Ion: 139 Resp: 4947
Ion Ratio Lower Upper
139 100
109 8.7 64.5 104.5#
65 5.3 78.9 118.9#

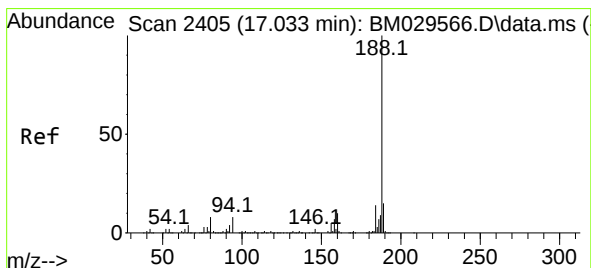
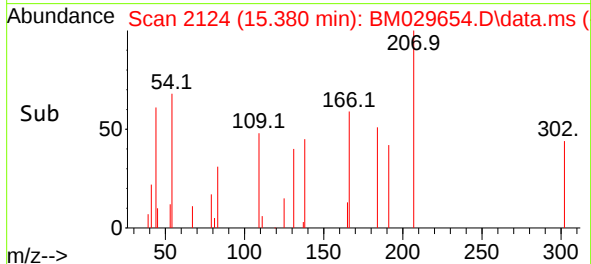
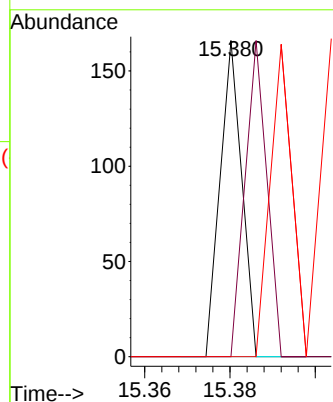
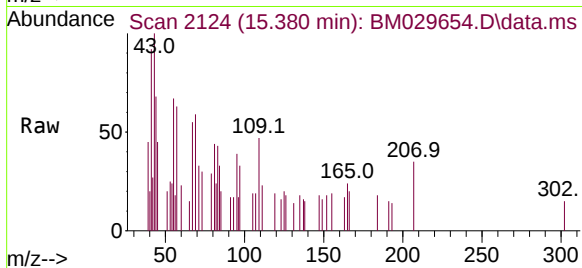




#62
4-Nitroaniline
Concen: 3.47 ng
RT: 15.380 min Scan# 2124
Delta R.T. 0.035 min
Lab File: BM029654.D
Acq: 26 Apr 2021 17:49

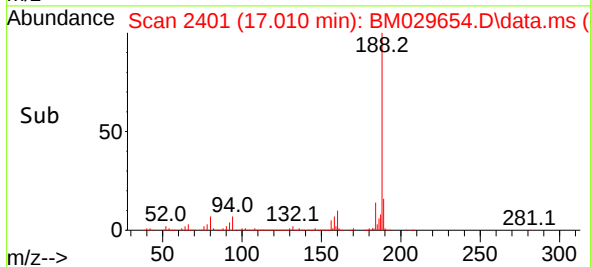
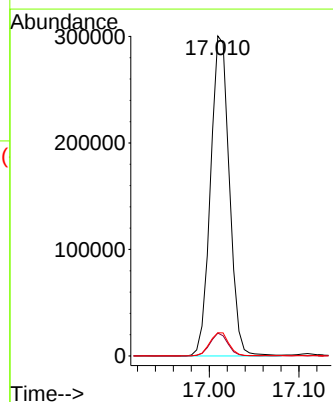
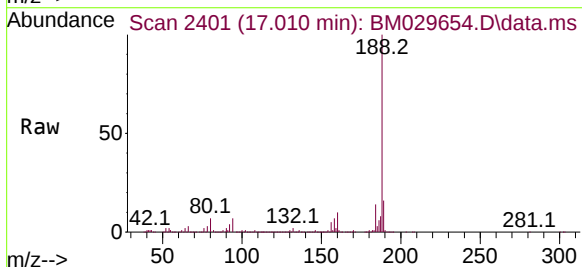
Instrument :
BNA_M
ClientSampled :
BN-1

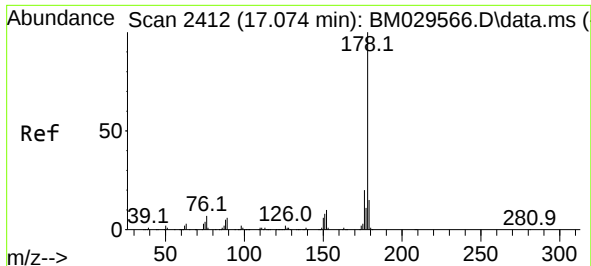
Tgt Ion:138 Resp: 59
Ion Ratio Lower Upper
138 100
92 0.0 33.4 73.4#
108 0.0 75.5 115.5#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.010 min Scan# 2401
Delta R.T. 0.000 min
Lab File: BM029654.D
Acq: 26 Apr 2021 17:49

Tgt Ion:188 Resp: 437371
Ion Ratio Lower Upper
188 100
94 7.1 6.0 9.0
80 7.3 6.6 9.8

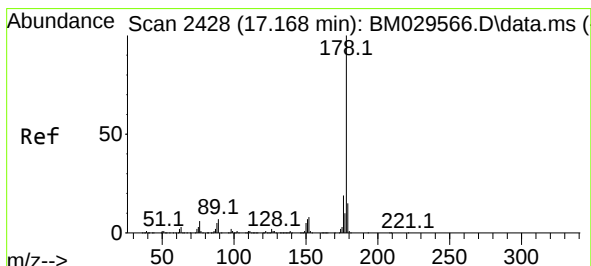
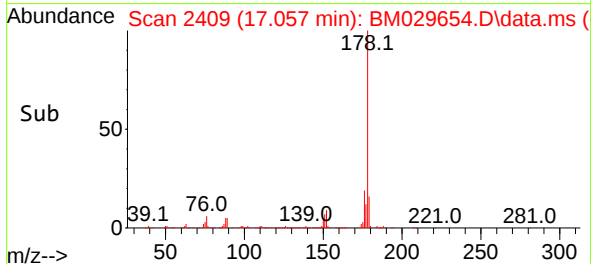
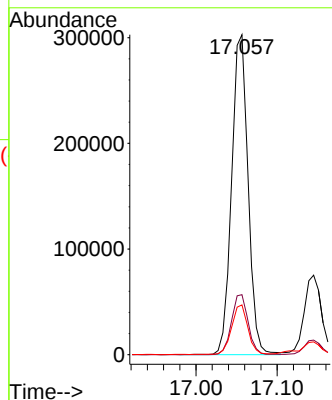
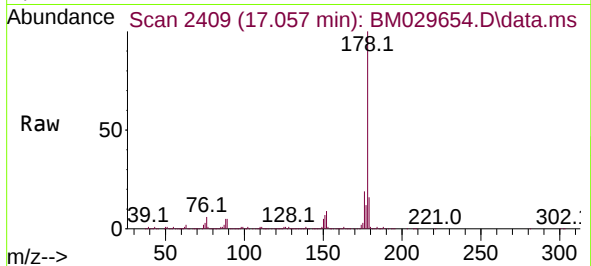




#71
Phenanthrene
Concen: 16.91 ng
RT: 17.057 min Scan# 2409
Delta R.T. 0.006 min
Lab File: BM029654.D
Acq: 26 Apr 2021 17:49

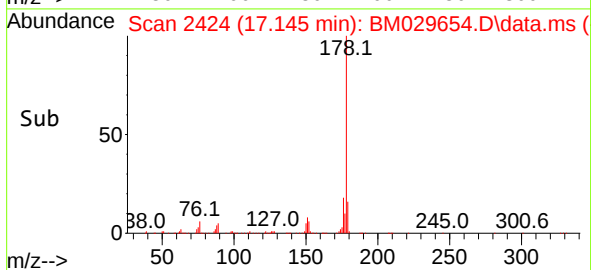
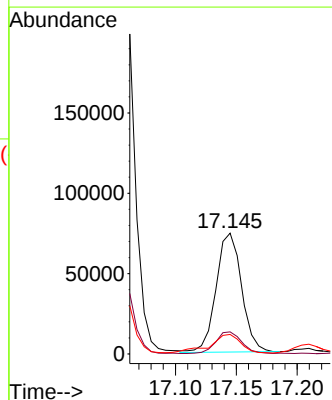
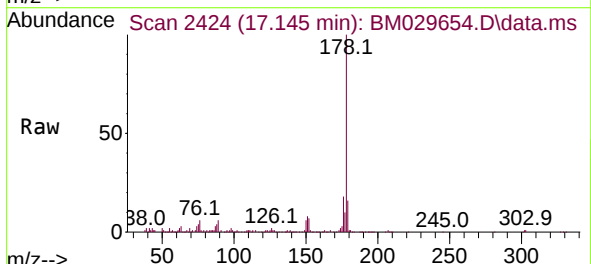
Instrument :
BNA_M
ClientSampled :
BN-1

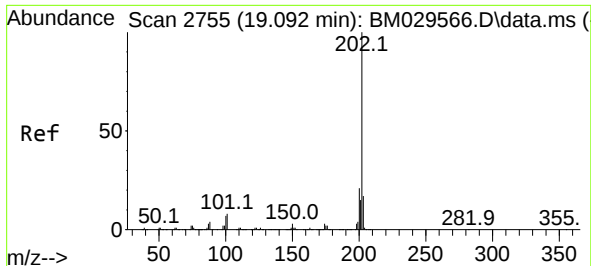
Tgt Ion:178 Resp: 425974
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.0
179 15.6 12.2 18.4



#72
Anthracene
Concen: 4.34 ng
RT: 17.145 min Scan# 2424
Delta R.T. 0.000 min
Lab File: BM029654.D
Acq: 26 Apr 2021 17:49

Tgt Ion:178 Resp: 107935
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.4
179 16.2 12.5 18.7

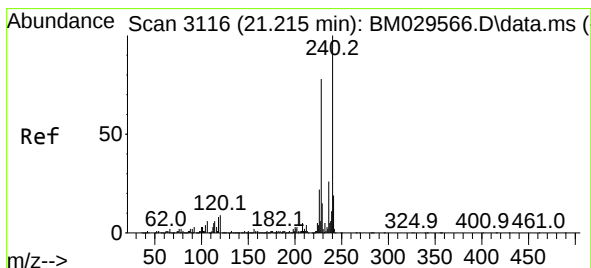
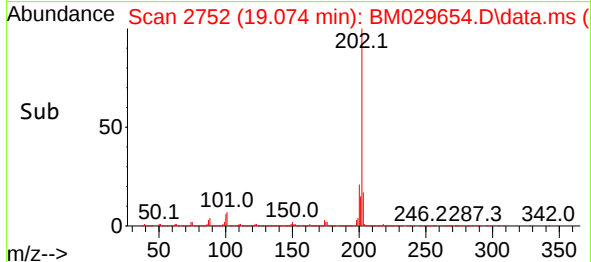
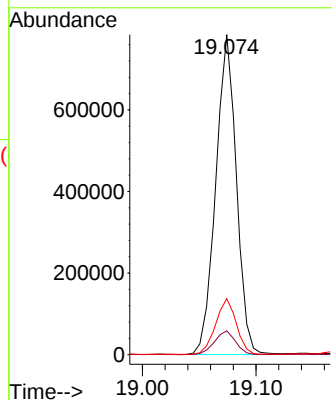
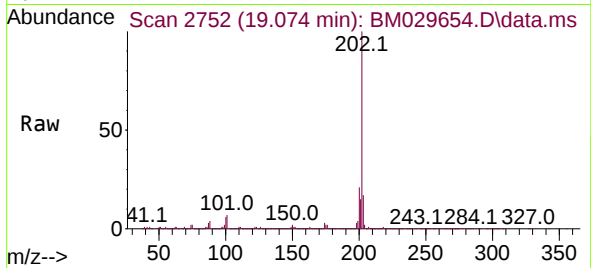




#75
Fluoranthene
Concen: 32.42 ng
RT: 19.074 min Scan# 2752
Delta R.T. 0.000 min
Lab File: BM029654.D
Acq: 26 Apr 2021 17:49

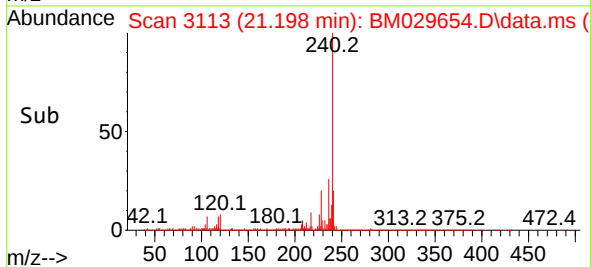
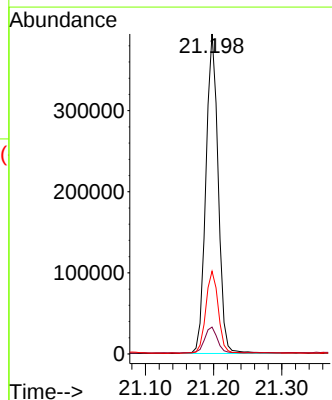
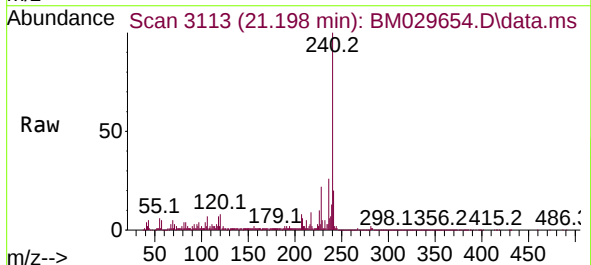
Instrument :
BNA_M
ClientSampled :
BN-1

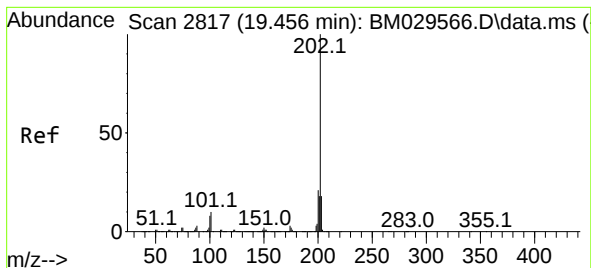
Tgt Ion:202 Resp: 990050
Ion Ratio Lower Upper
202 100
101 7.4 0.0 28.6
203 17.5 0.0 37.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.198 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BM029654.D
Acq: 26 Apr 2021 17:49

Tgt Ion:240 Resp: 496076
Ion Ratio Lower Upper
240 100
120 8.4 7.0 10.6
236 25.9 21.0 31.4





#78

Pyrene

Concen: 30.11 ng

RT: 19.439 min Scan# 2814

Delta R.T. 0.006 min

Lab File: BM029654.D

Acq: 26 Apr 2021 17:49

Tgt Ion:202 Resp: 961032

Ion Ratio Lower Upper

202 100

200 21.3 17.3 25.9

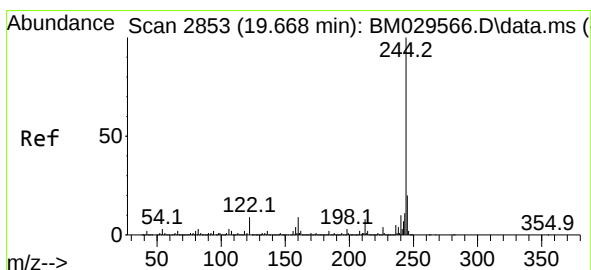
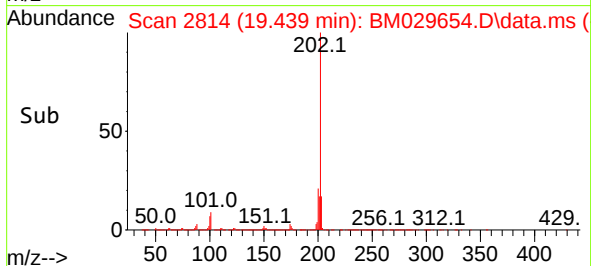
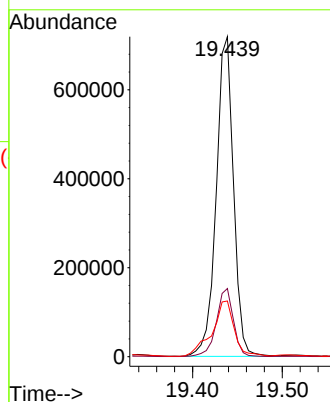
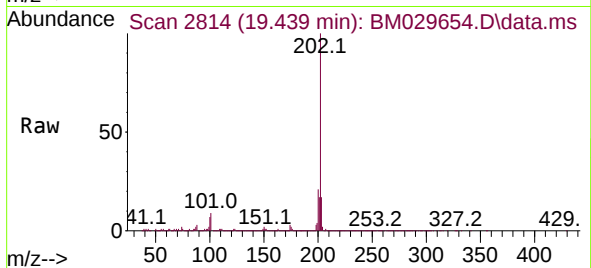
203 17.4 13.9 20.9

Instrument :

BNA_M

ClientSampleId :

BN-1



#79

Terphenyl-d14

Concen: 46.48 ng

RT: 19.645 min Scan# 2849

Delta R.T. 0.000 min

Lab File: BM029654.D

Acq: 26 Apr 2021 17:49

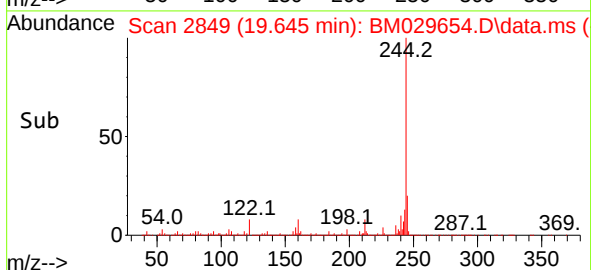
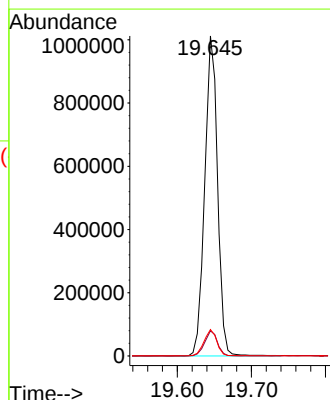
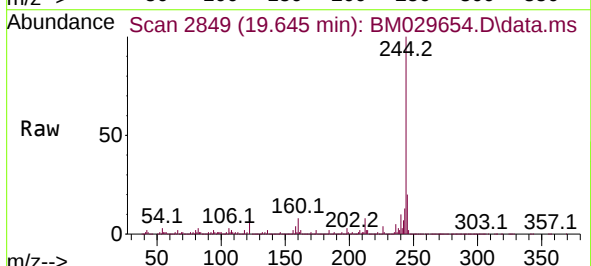
Tgt Ion:244 Resp: 1216172

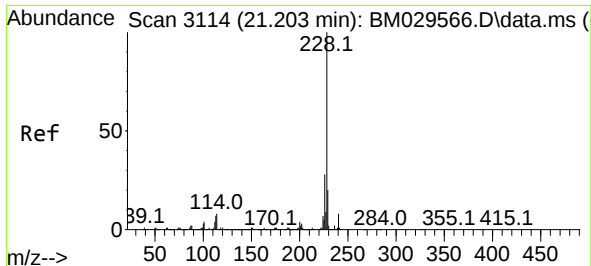
Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

122 8.2 6.9 10.3

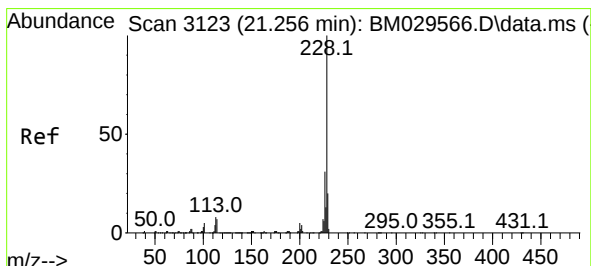
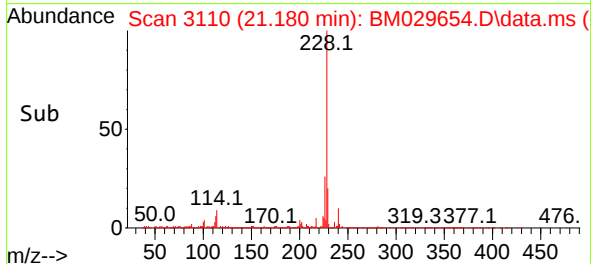
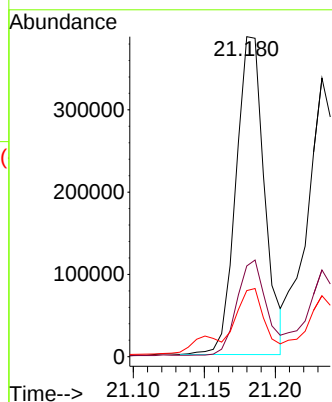
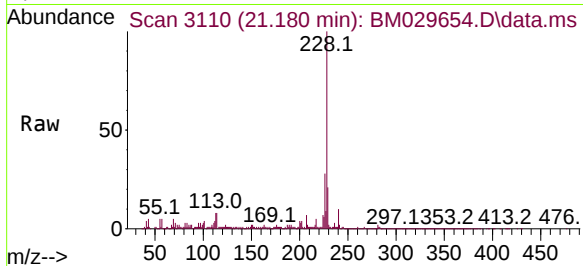




#81
Benzo(a)anthracene
Concen: 16.50 ng
RT: 21.180 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BM029654.D
Acq: 26 Apr 2021 17:49

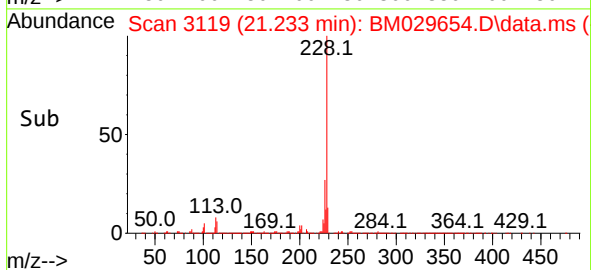
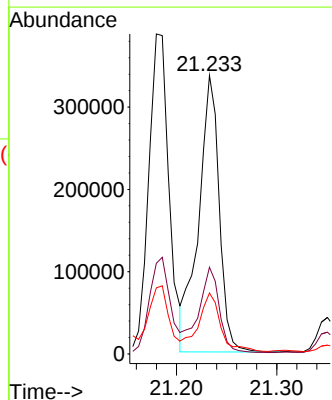
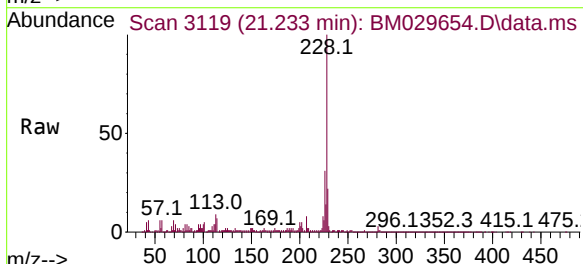
Instrument :
BNA_M
ClientSampleId :
BN-1

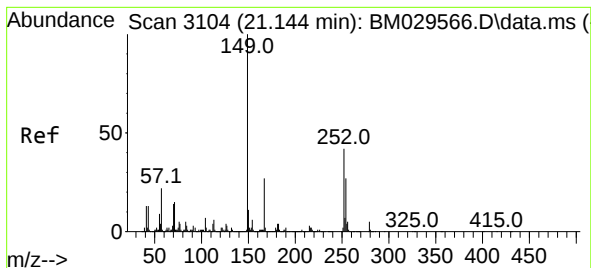
Tgt Ion:228 Resp: 541562
Ion Ratio Lower Upper
228 100
226 28.4 22.3 33.5
229 20.7 15.7 23.5



#83
Chrysene
Concen: 14.97 ng
RT: 21.233 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BM029654.D
Acq: 26 Apr 2021 17:49

Tgt Ion:228 Resp: 482704
Ion Ratio Lower Upper
228 100
226 31.1 24.6 36.8
229 21.9 15.5 23.3

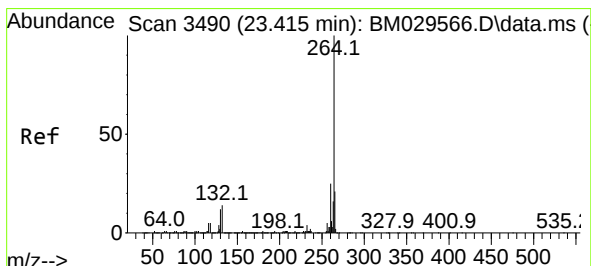
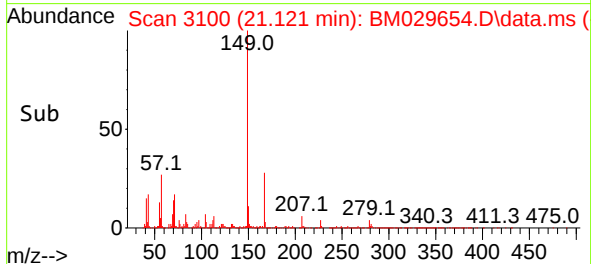
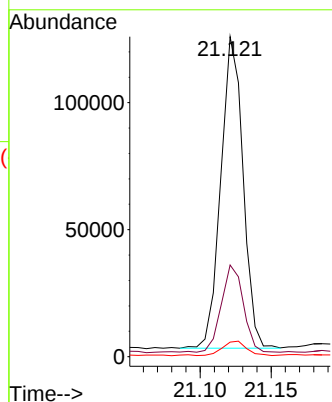
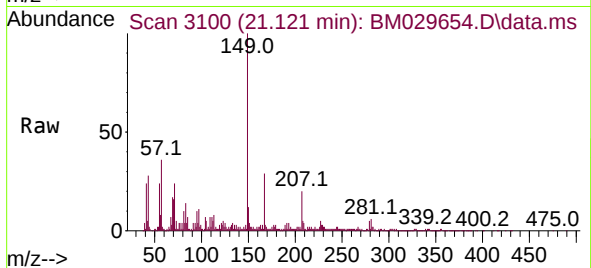




#84
Bis(2-ethylhexyl)phthalate
Concen: 6.96 ng
RT: 21.121 min Scan# 3100
Delta R.T. 0.000 min
Lab File: BM029654.D
Acq: 26 Apr 2021 17:49

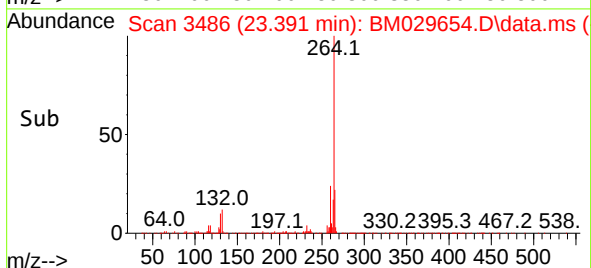
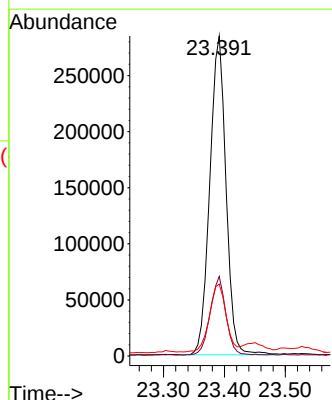
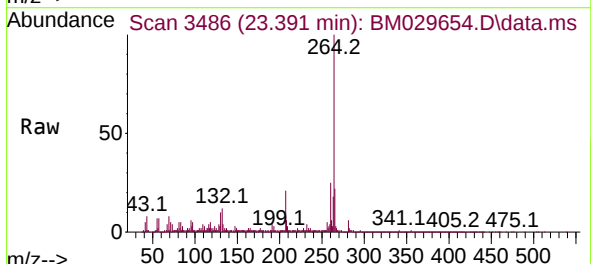
Instrument :
BNA_M
ClientSampled :
BN-1

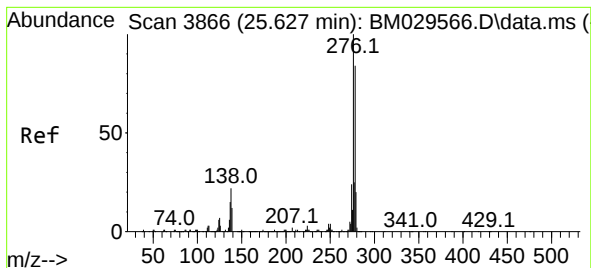
Tgt Ion:149 Resp: 133229
Ion Ratio Lower Upper
149 100
167 28.6 22.6 33.8
279 4.5 3.8 5.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.391 min Scan# 3486
Delta R.T. 0.012 min
Lab File: BM029654.D
Acq: 26 Apr 2021 17:49

Tgt Ion:264 Resp: 525569
Ion Ratio Lower Upper
264 100
260 24.9 19.8 29.8
265 22.5 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.32 ng

RT: 25.580 min Scan# 3858

Delta R.T. 0.000 min

Lab File: BM029654.D

Acq: 26 Apr 2021 17:49

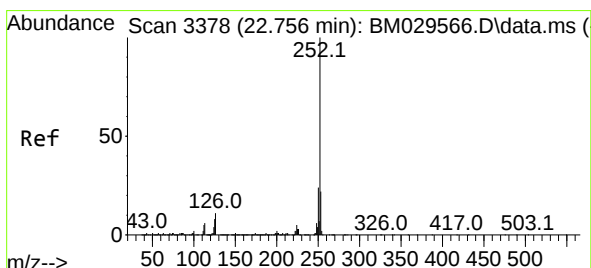
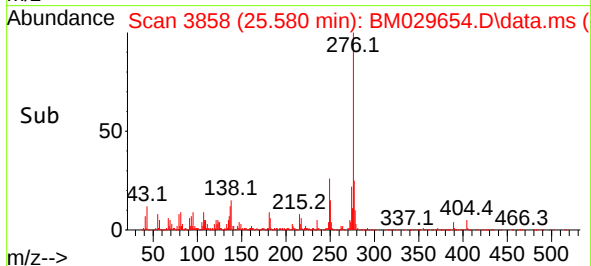
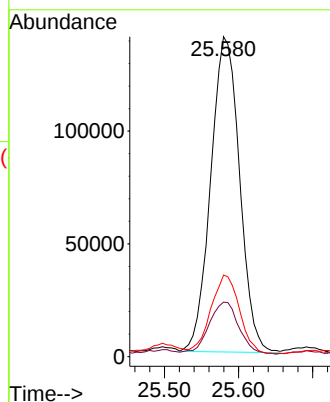
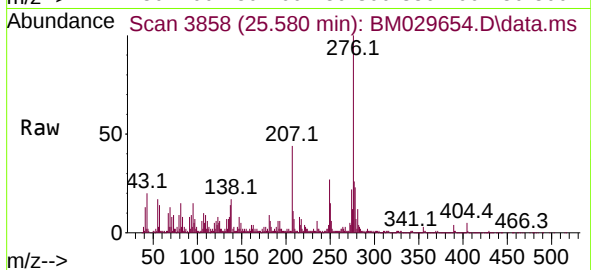
Instrument :

BNA_M

ClientSampleId :

BN-1

Tgt Ion:276	Resp: 378739
Ion Ratio	Lower Upper
276 100	
138 17.2	17.1 25.7
277 24.7	20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 27.00 ng

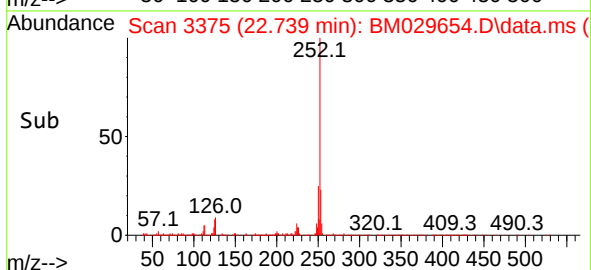
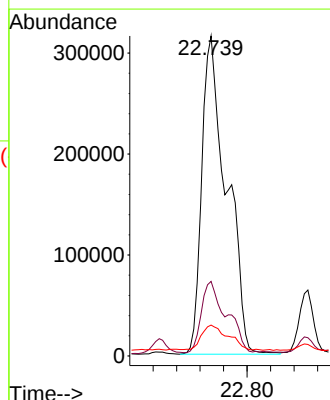
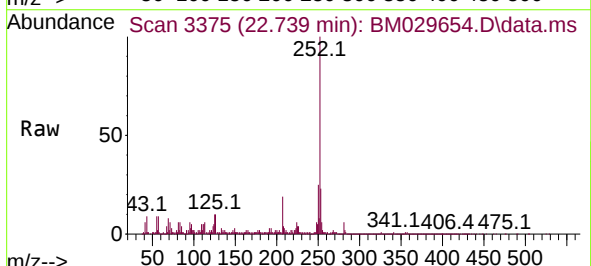
RT: 22.739 min Scan# 3375

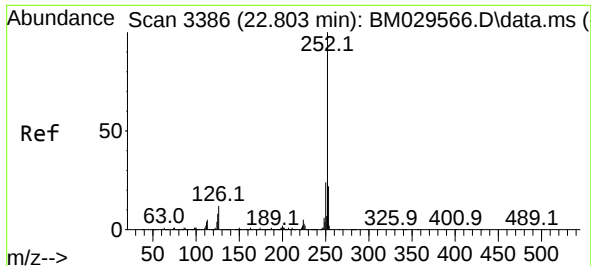
Delta R.T. 0.012 min

Lab File: BM029654.D

Acq: 26 Apr 2021 17:49

Tgt Ion:252	Resp: 925403
Ion Ratio	Lower Upper
252 100	
253 23.3	17.4 26.0
125 9.6	6.8 10.2





#89

Benzo(k)fluoranthene

Concen: 26.94 ng

RT: 22.739 min Scan# 3375

Delta R.T. -0.035 min

Lab File: BM029654.D

Acq: 26 Apr 2021 17:49

Tgt Ion:252 Resp: 925403

Ion Ratio Lower Upper

252 100

253 23.3 17.4 26.2

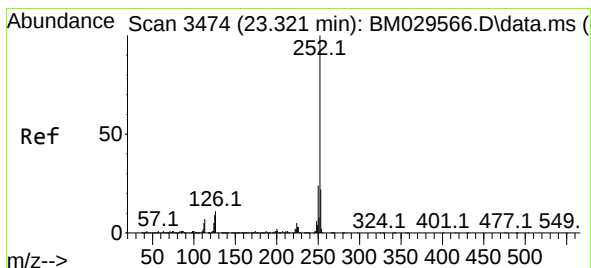
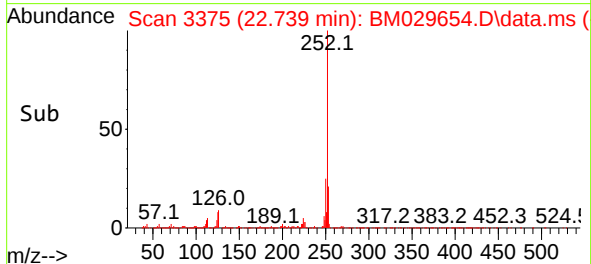
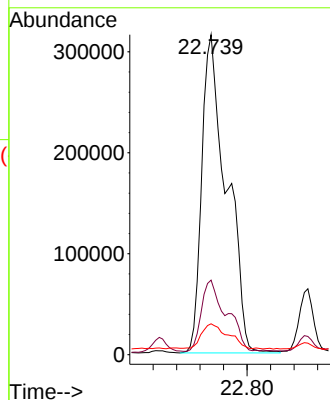
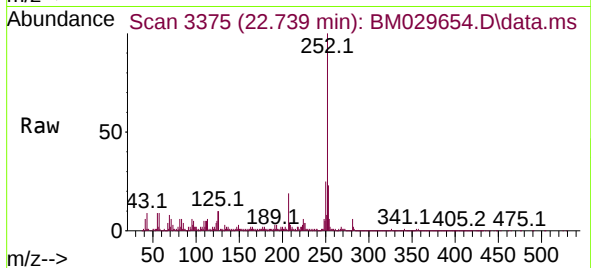
125 9.6 6.2 9.2#

Instrument :

BNA_M

ClientSampleId :

BN-1



#90

Benzo(a)pyrene

Concen: 16.99 ng

RT: 23.291 min Scan# 3469

Delta R.T. 0.006 min

Lab File: BM029654.D

Acq: 26 Apr 2021 17:49

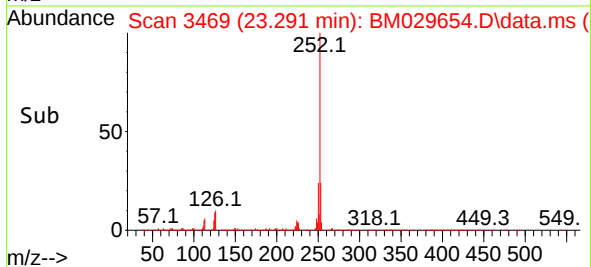
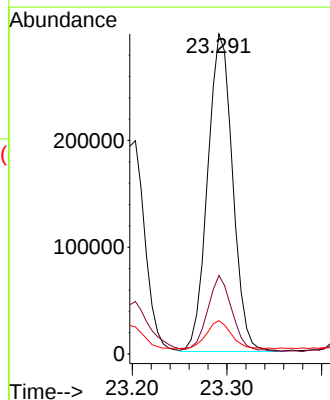
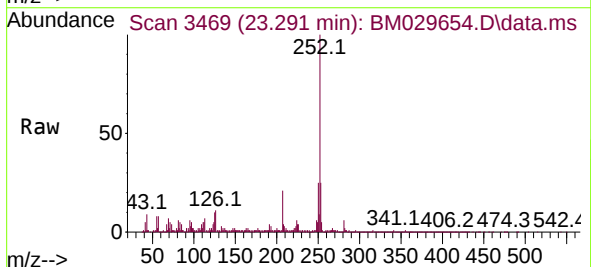
Tgt Ion:252 Resp: 546849

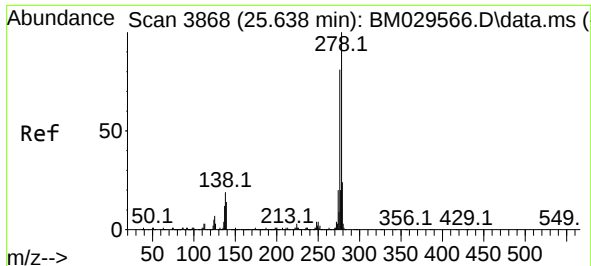
Ion Ratio Lower Upper

252 100

253 24.5 17.7 26.5

125 10.4 7.3 10.9

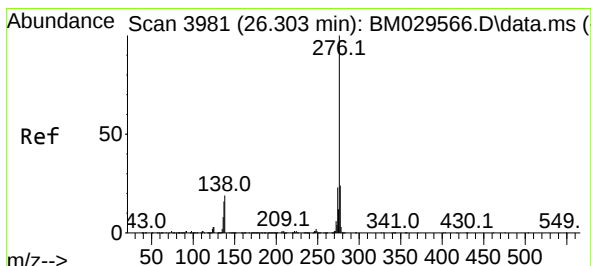
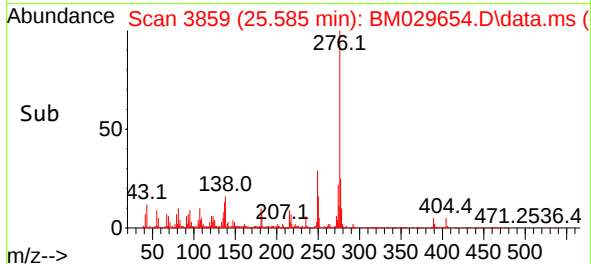
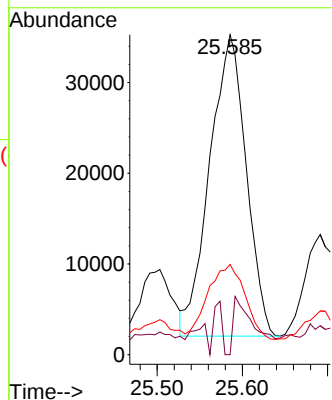
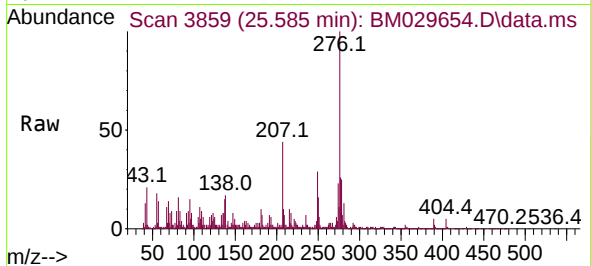




#91
Dibenzo(a,h)anthracene
Concen: 2.82 ng
RT: 25.585 min Scan# 3859
Delta R.T. -0.006 min
Lab File: BM029654.D
Acq: 26 Apr 2021 17:49

Instrument :
BNA_M
ClientSampled :
BN-1

Tgt Ion:278 Resp: 98906
Ion Ratio Lower Upper
278 100
139 0.0 11.0 16.4#
279 28.2 18.7 28.1#



#92
Benzo(g,h,i)perylene
Concen: 11.93 ng
RT: 26.250 min Scan# 3972
Delta R.T. 0.000 min
Lab File: BM029654.D
Acq: 26 Apr 2021 17:49

Tgt Ion:276 Resp: 386589
Ion Ratio Lower Upper
276 100
277 24.5 19.4 29.2
138 17.9 14.4 21.6

