

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

Manual Integrations
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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
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	686730m	20.04	ng	
89) Benzo(k)fluoranthene	22.774	252	233463m	6.80	ng	
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

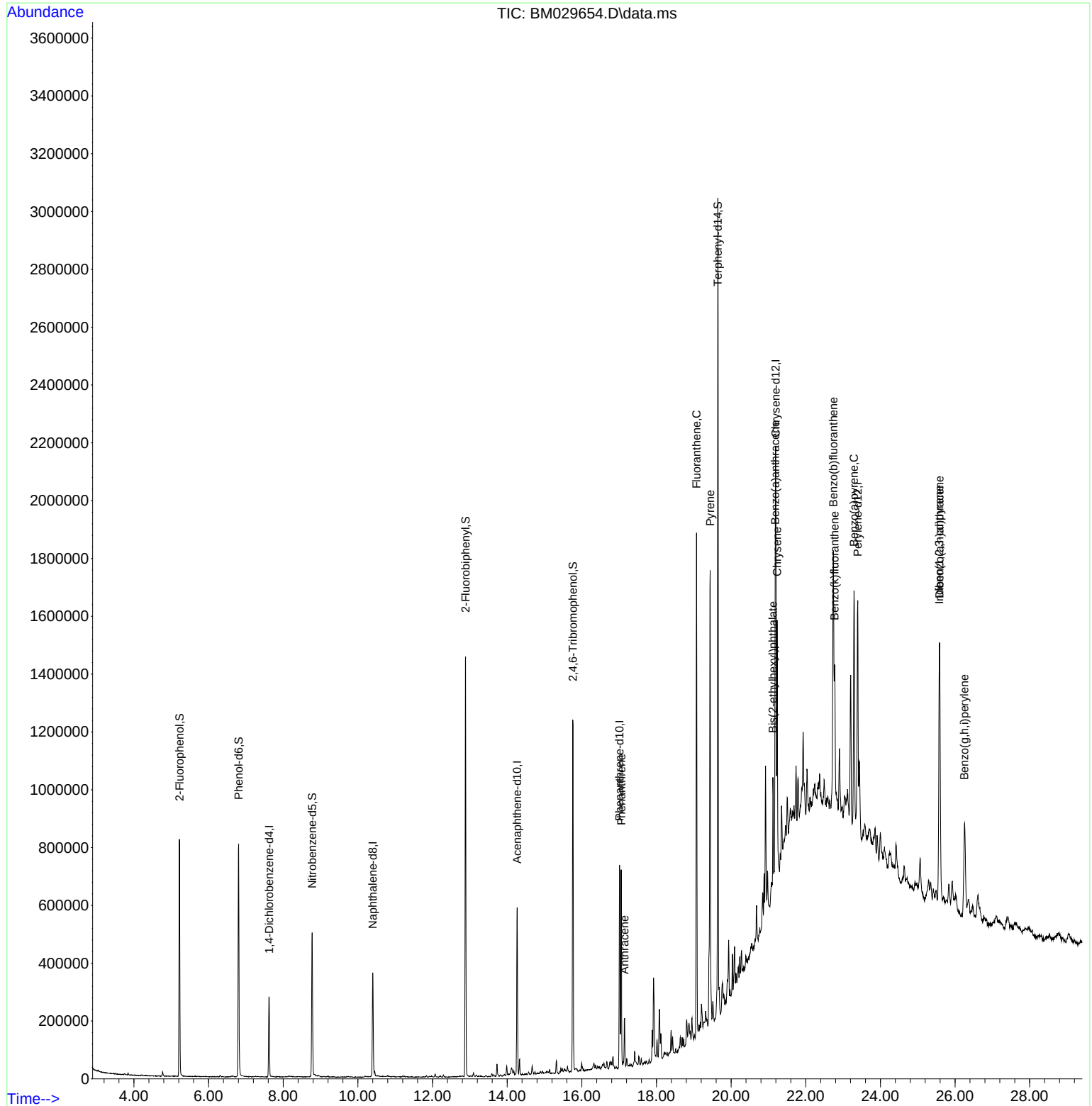
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Acq On : 26 Apr 2021 17:49
Operator : CG/JU
Sample : M2170-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

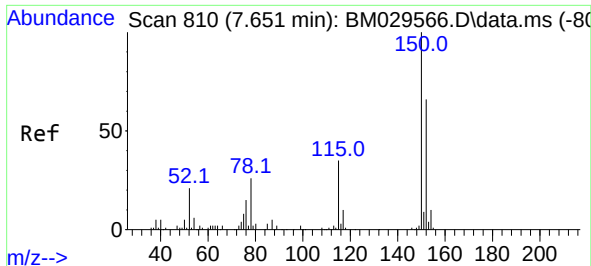
Instrument :
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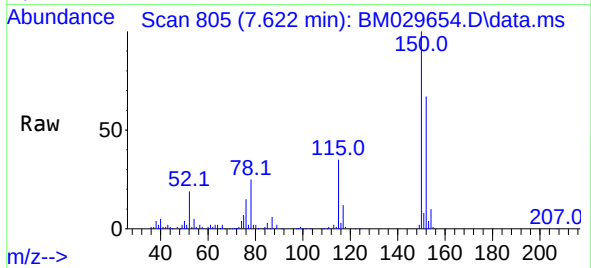
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Quant Time: Apr 27 01:32:50 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 26 15:01:01 2021
Response via : Initial Calibration

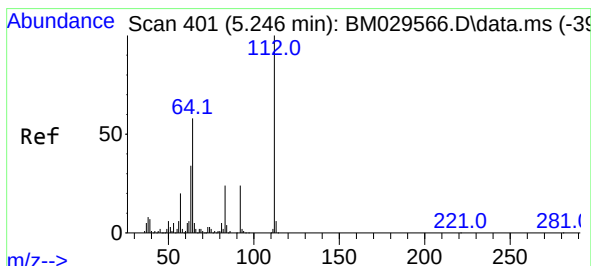
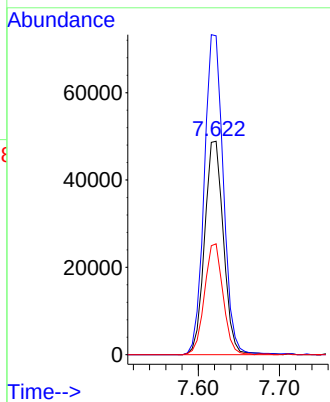
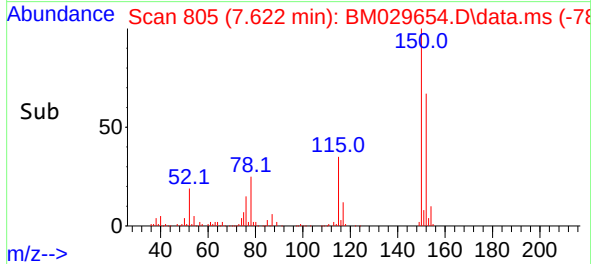




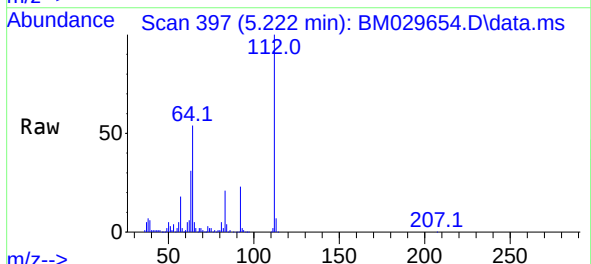
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.622 min Scan# 805
Delta R.T. -0.000 min
Lab File: BM029654.D
Acq: 26 Apr 2021 17:49



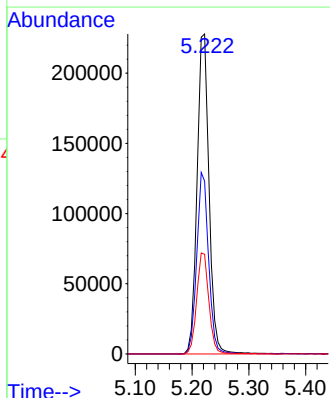
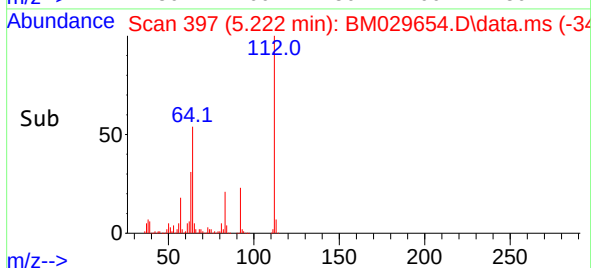
Tgt Ion:152 Resp: 78936
Ion Ratio Lower Upper
152 100
150 149.4 125.9 188.9
115 52.0 44.6 67.0



#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



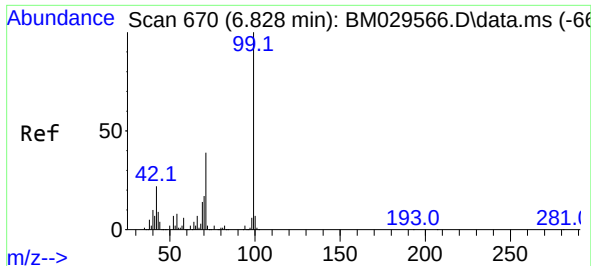
Tgt Ion:112 Resp: 335070
Ion Ratio Lower Upper
112 100
64 54.0 47.1 70.7
63 31.2 27.3 40.9



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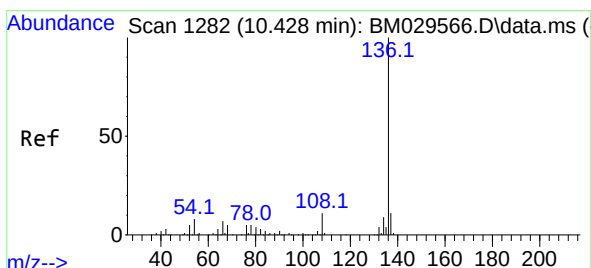
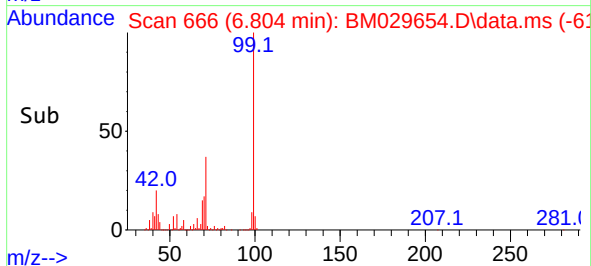
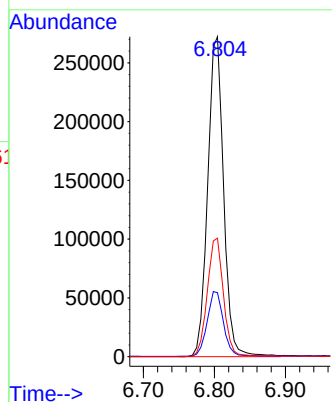
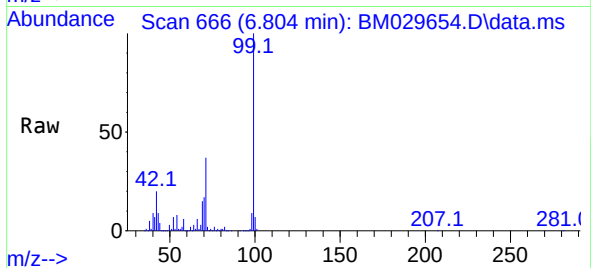
#7
Phenol-d6
Concen: 72.26 ng
RT: 6.804 min Scan# 666
Delta R.T. 0.006 min
Lab File: BM029654.D
Acq: 26 Apr 2021 17:49

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

Instrument :
BNA_M
ClientSampled :
BN-1

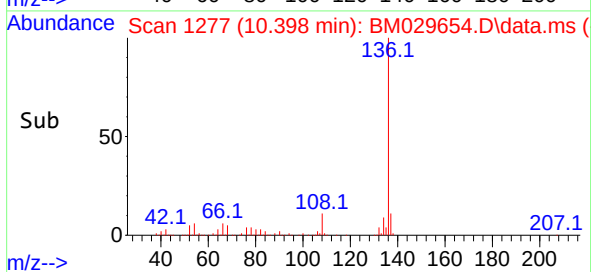
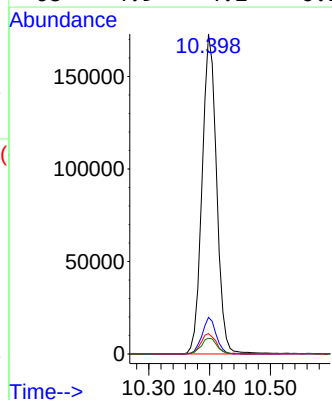
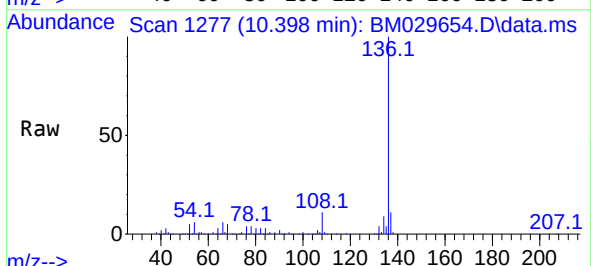
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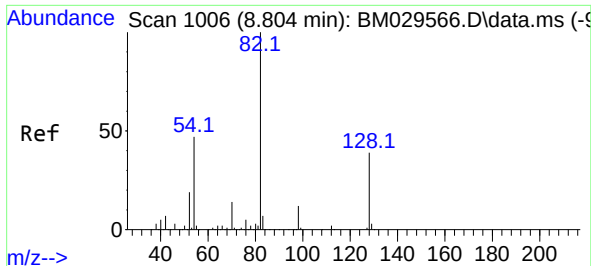
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.398 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BM029654.D
Acq: 26 Apr 2021 17:49

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





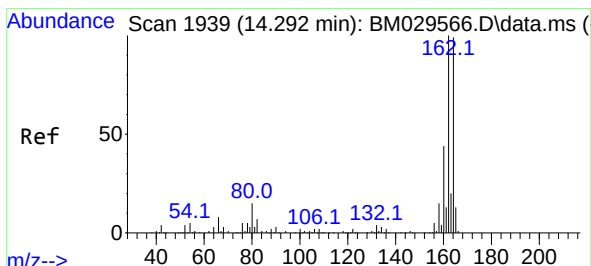
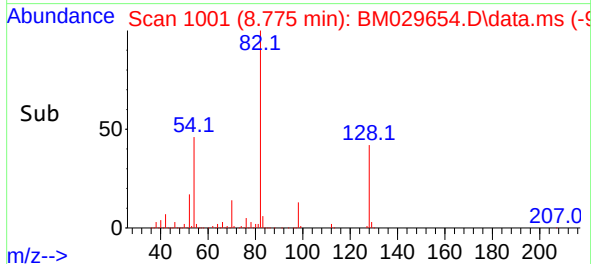
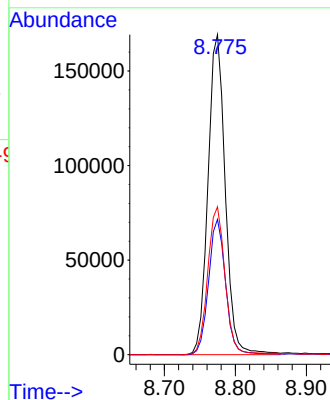
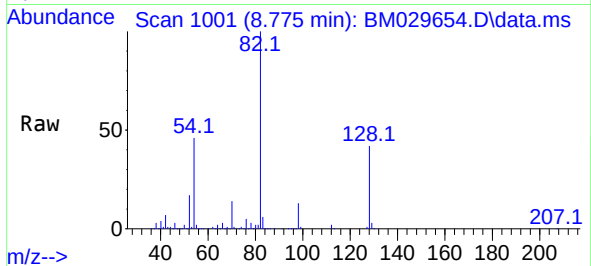
#23
Nitrobenzene-d5
Concen: 51.44 ng
RT: 8.775 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BM029654.D
Acq: 26 Apr 2021 17:49

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

Instrument :
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ClientSampled :
BN-1

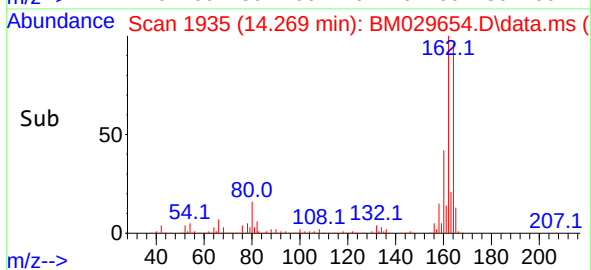
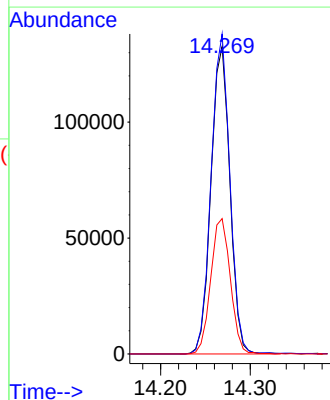
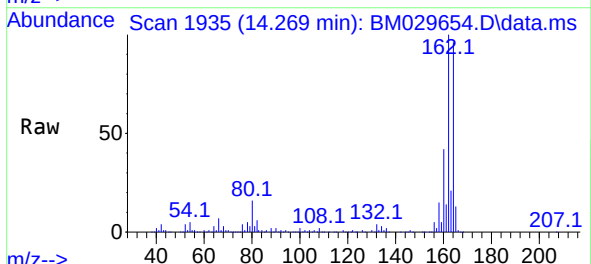
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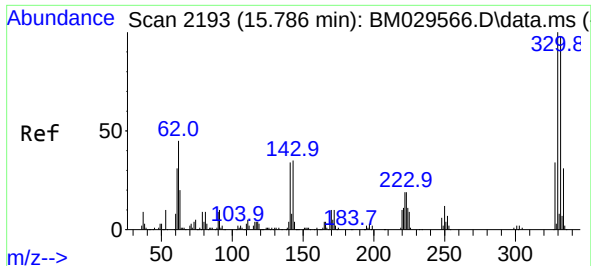
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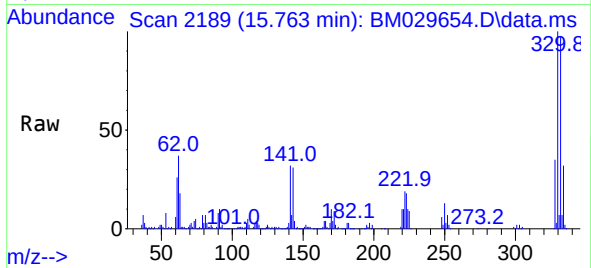
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.269 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BM029654.D
Acq: 26 Apr 2021 17:49

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

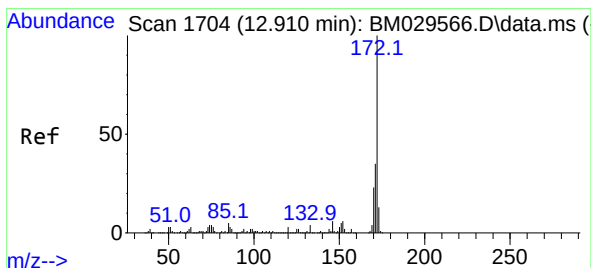
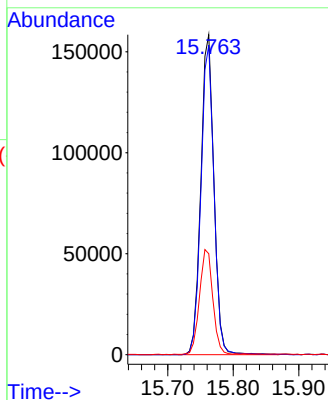
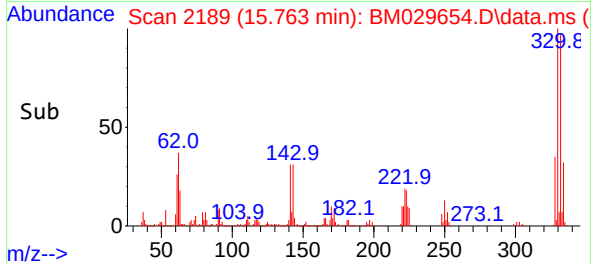




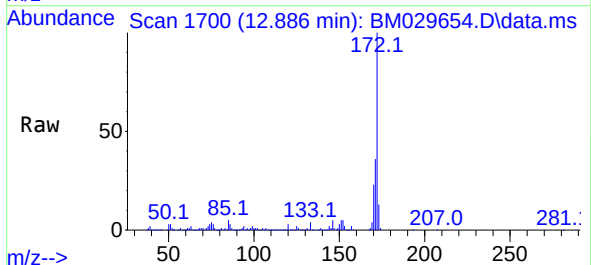
#42
2,4,6-Tribromophenol
Concen: 82.28 ng
RT: 15.763 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BM029654.D
Acq: 26 Apr 2021 17:49



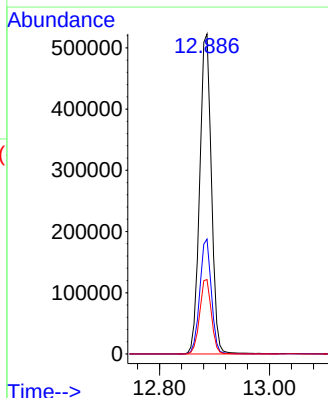
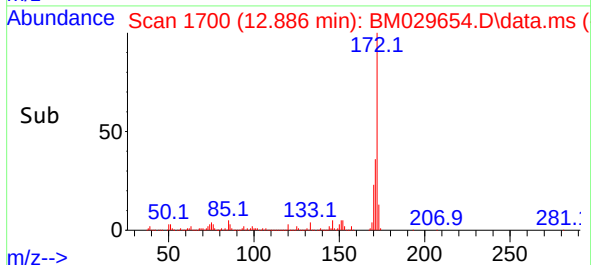
Tgt Ion:330 Resp: 220654
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 33.8 30.2 45.2



#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



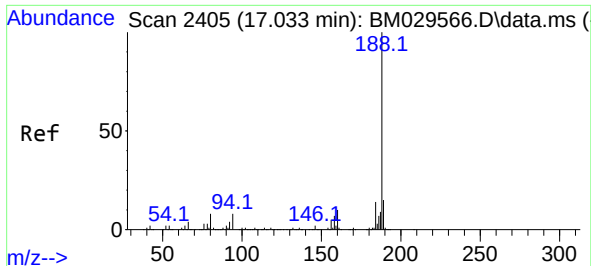
Tgt Ion:172 Resp: 775010
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.3 18.4 27.6



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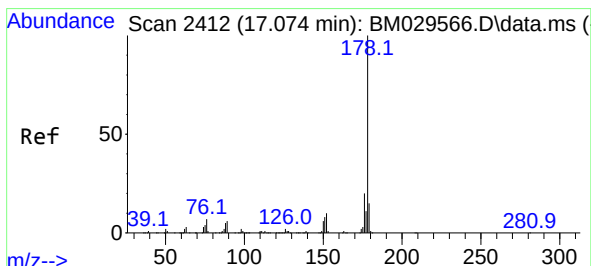
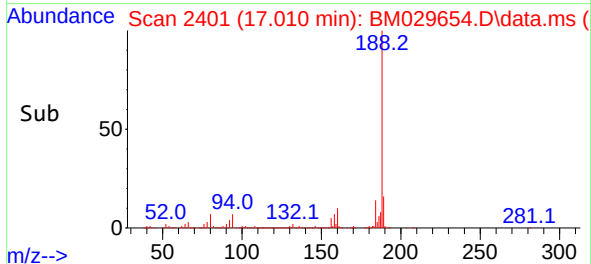
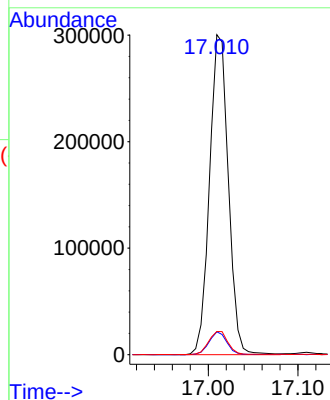
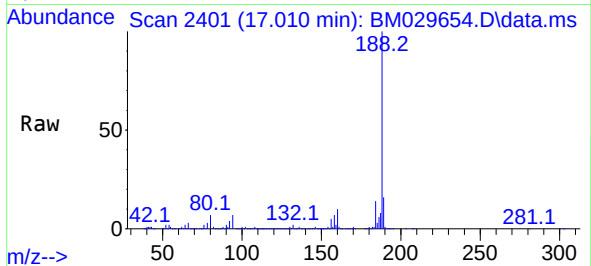
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.010 min Scan# 2401
Delta R.T. 0.000 min
Lab File: BM029654.D
Acq: 26 Apr 2021 17:49

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

Instrument :
BNA_M
ClientSampled :
BN-1

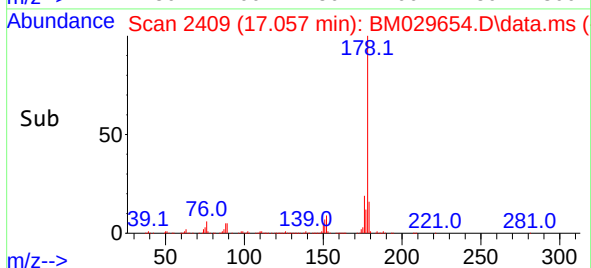
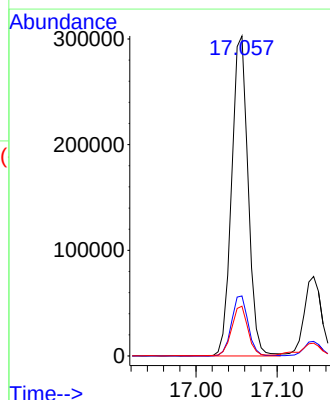
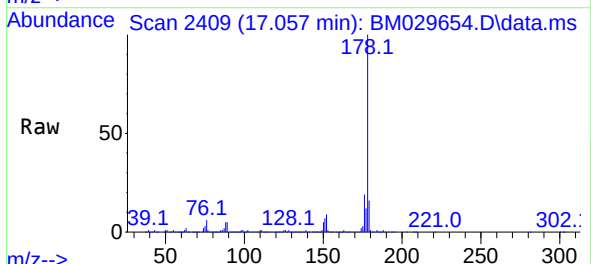
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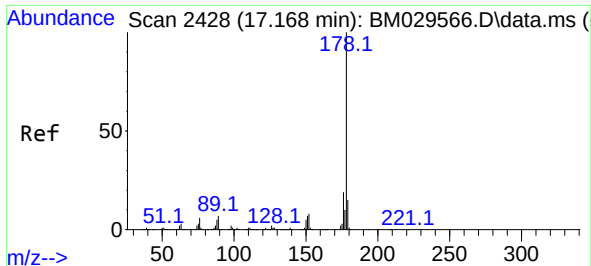
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#71
Phenanthrene
Concen: 16.91 ng
RT: 17.057 min Scan# 2409
Delta R.T. 0.006 min
Lab File: BM029654.D
Acq: 26 Apr 2021 17:49

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





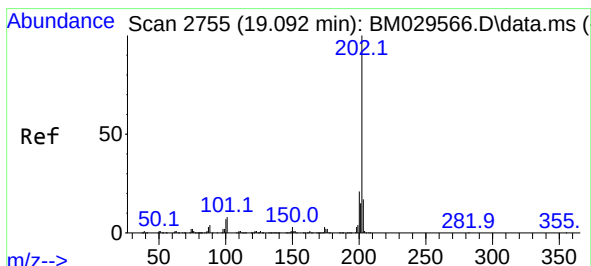
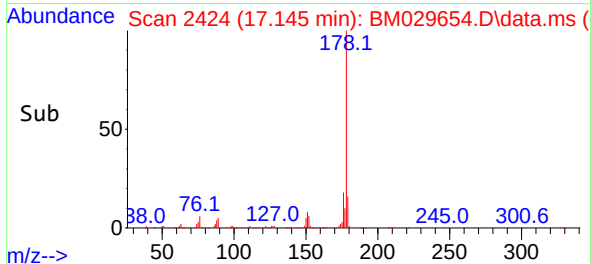
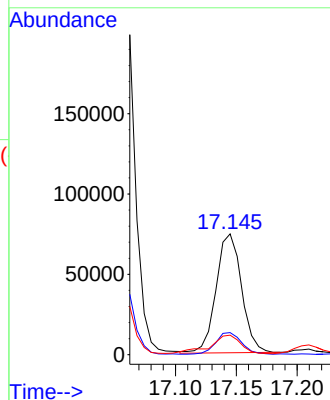
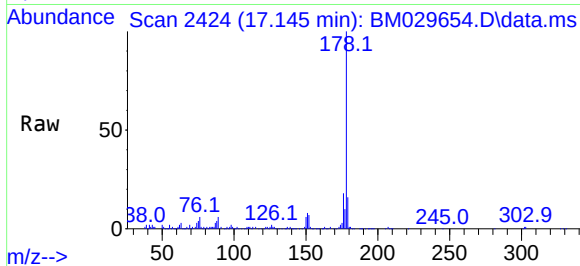
#72
 Anthracene
 Concen: 4.34 ng
 RT: 17.145 min Scan# 2424
 Delta R.T. 0.000 min
 Lab File: BM029654.D
 Acq: 26 Apr 2021 17:49

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

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 BN-1

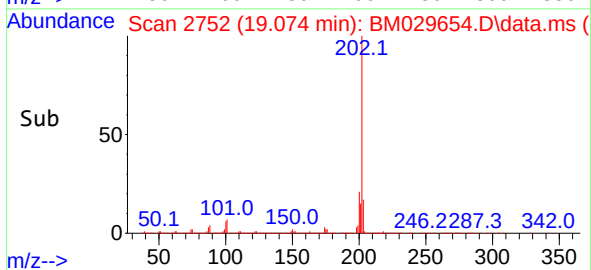
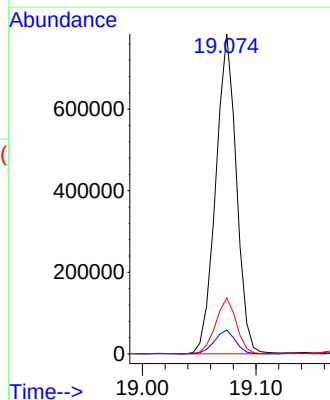
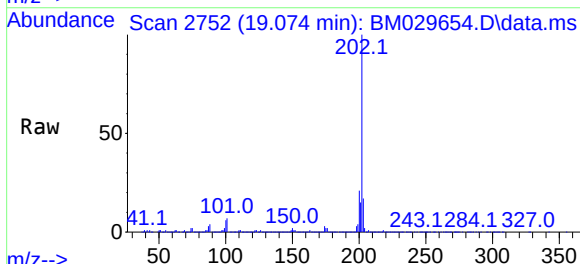
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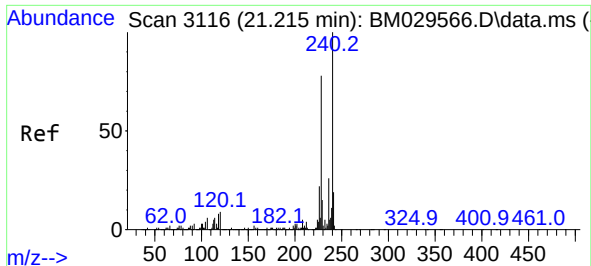
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#75
 Fluoranthene
 Concen: 32.42 ng
 RT: 19.074 min Scan# 2752
 Delta R.T. 0.000 min
 Lab File: BM029654.D
 Acq: 26 Apr 2021 17:49

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





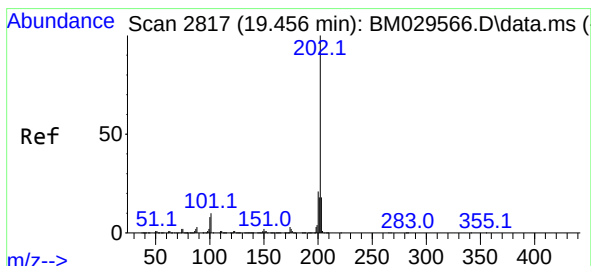
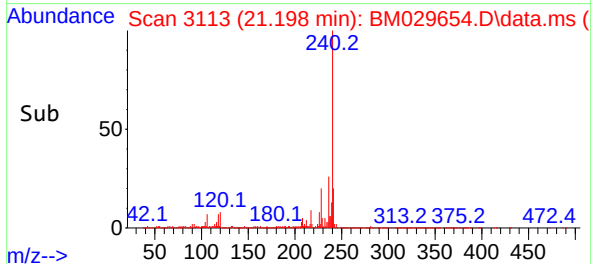
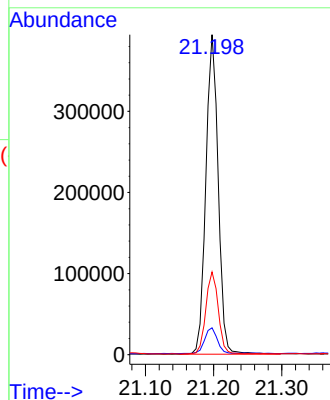
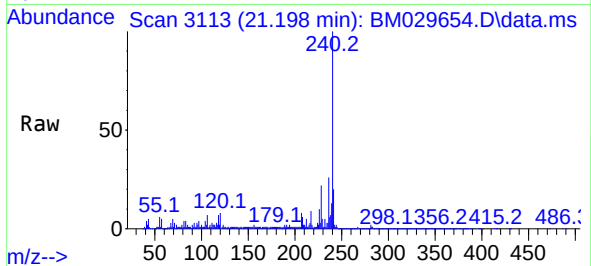
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.198 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BM029654.D
Acq: 26 Apr 2021 17:49

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

Instrument :
BNA_M
ClientSampleId :
BN-1

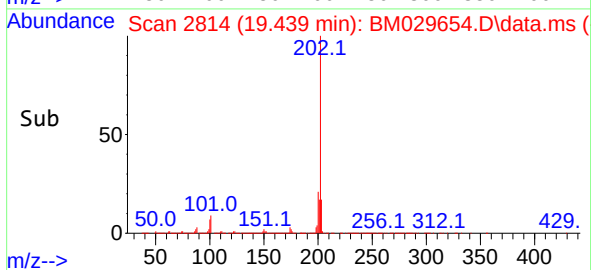
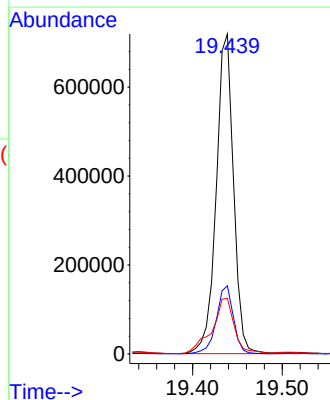
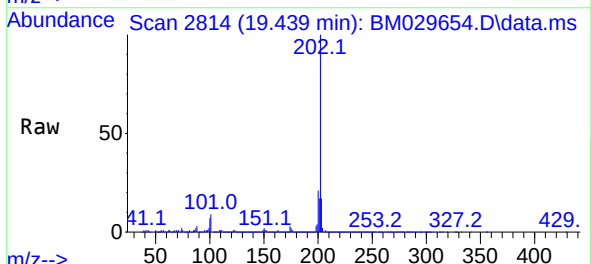
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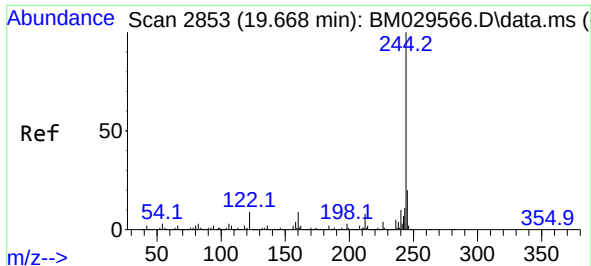
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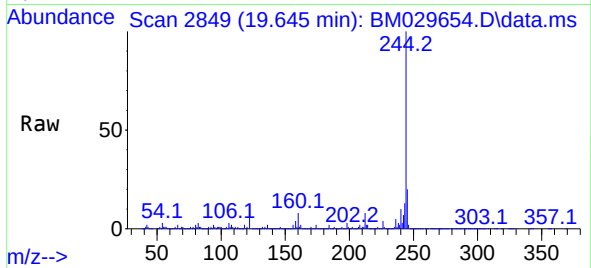
#78
Pyrene
Concen: 30.11 ng
RT: 19.439 min Scan# 2814
Delta R.T. 0.006 min
Lab File: BM029654.D
Acq: 26 Apr 2021 17:49

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

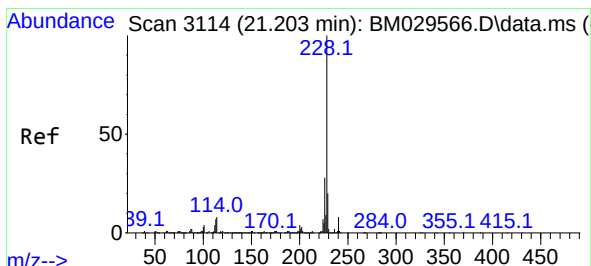
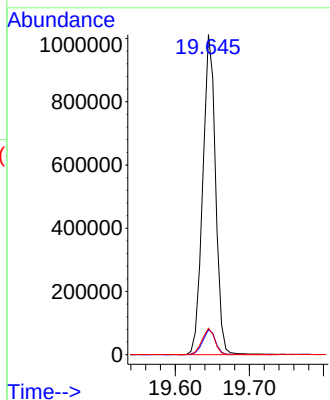
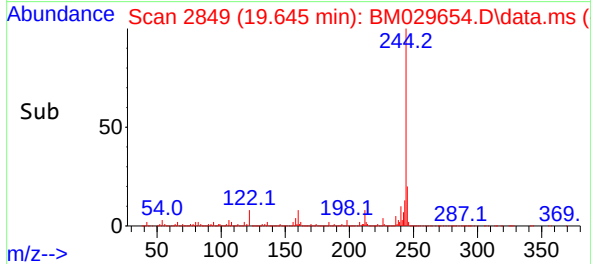




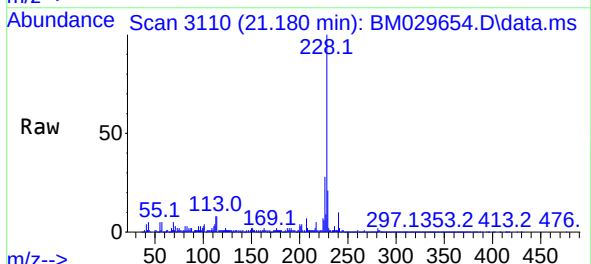
#79
Terphenyl-d14
Concen: 46.48 ng
RT: 19.645 min Scan# 2849
Delta R.T. 0.000 min
Lab File: BM029654.D
Acq: 26 Apr 2021 17:49



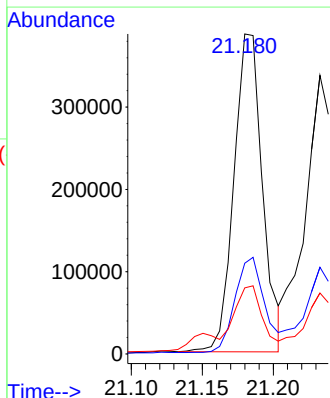
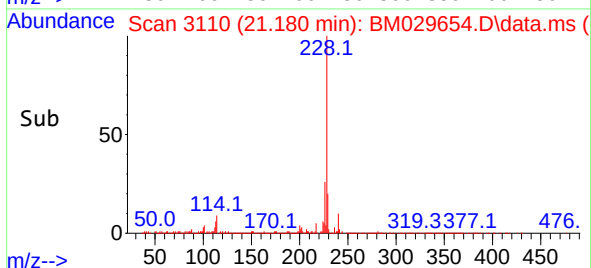
Tgt Ion:244 Resp: 1216172
Ion Ratio Lower Upper
244 100
212 7.9 6.3 9.5
122 8.2 6.9 10.3



#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



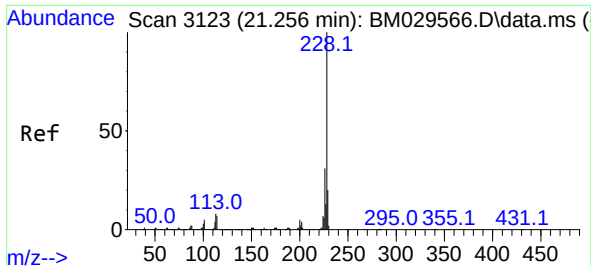
Tgt Ion:228 Resp: 541562
Ion Ratio Lower Upper
228 100
226 28.4 22.3 33.5
229 20.7 15.7 23.5



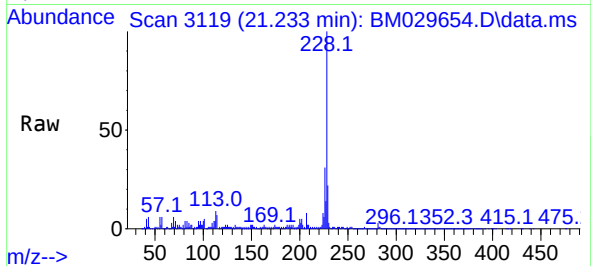
Instrument :
BNA_M
ClientSampled :
BN-1

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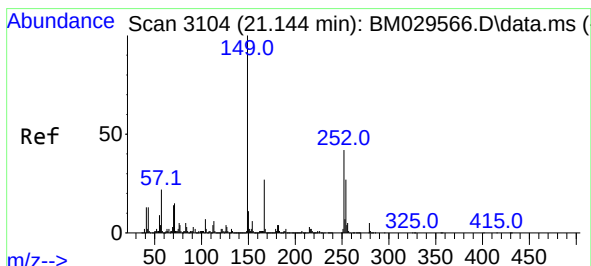
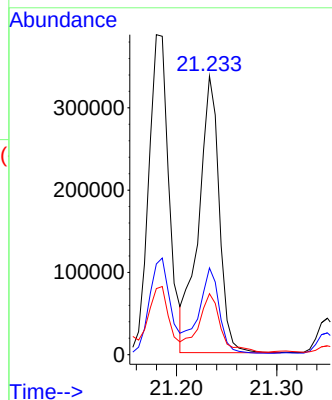
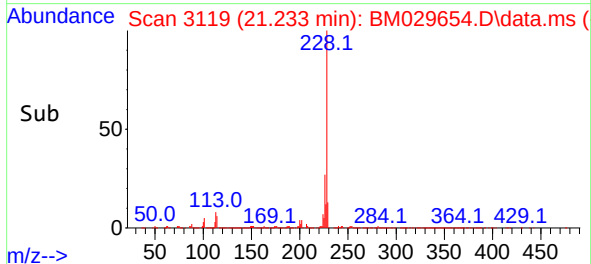
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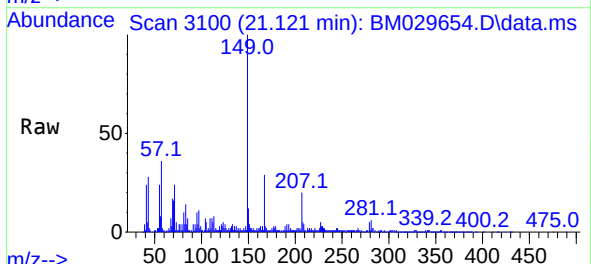
#83
Chrysene
Concen: 14.97 ng
RT: 21.233 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BM029654.D
Acq: 26 Apr 2021 17:49



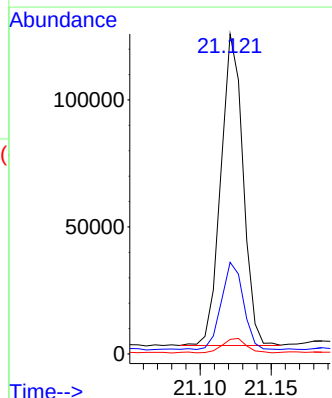
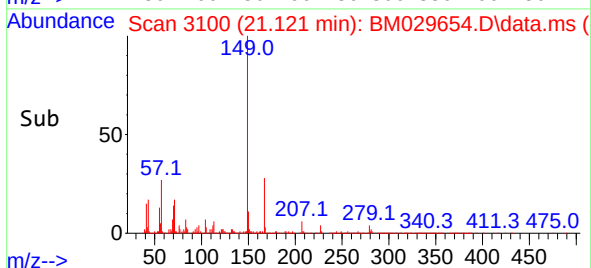
Tgt Ion:228 Resp: 482704
Ion Ratio Lower Upper
228 100
226 31.1 24.6 36.8
229 21.9 15.5 23.3



#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



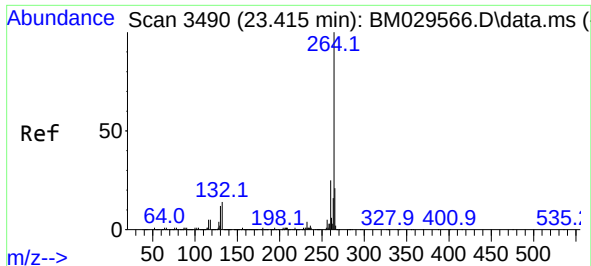
Tgt Ion:149 Resp: 133229
Ion Ratio Lower Upper
149 100
167 28.6 22.6 33.8
279 4.5 3.8 5.8



Instrument :
BNA_M
ClientSampled :
BN-1

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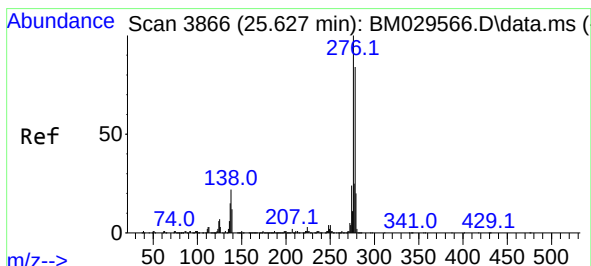
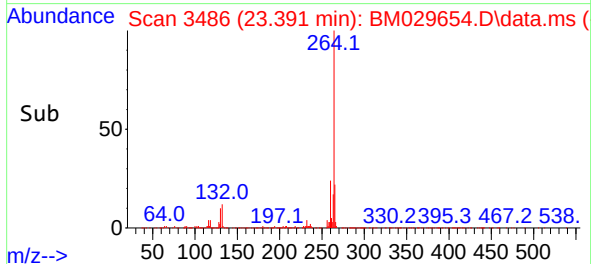
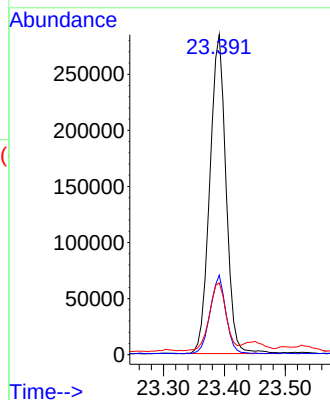
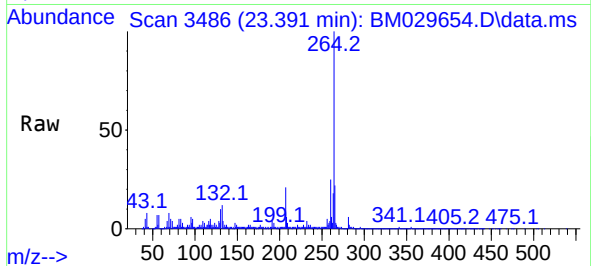
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.391 min Scan# 3486
Delta R.T. 0.012 min
Lab File: BM029654.D
Acq: 26 Apr 2021 17:49

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

Instrument :
BNA_M
ClientSampled :
BN-1

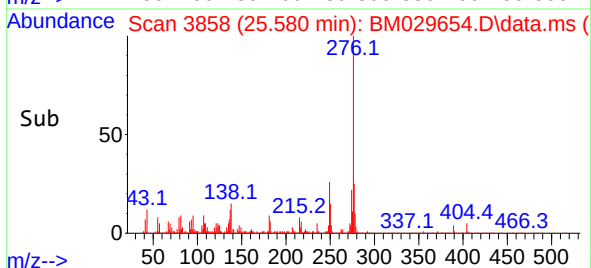
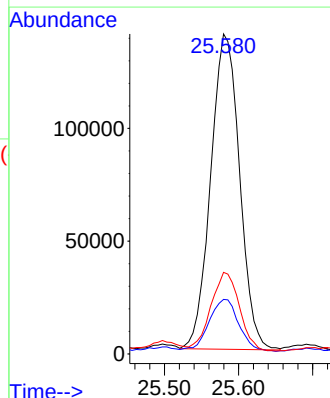
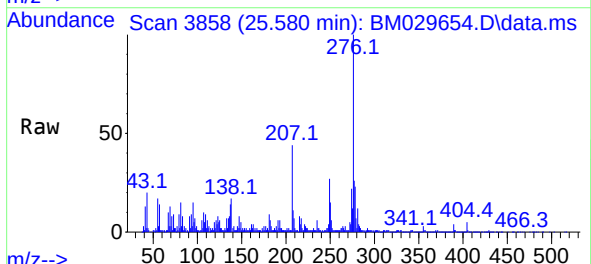
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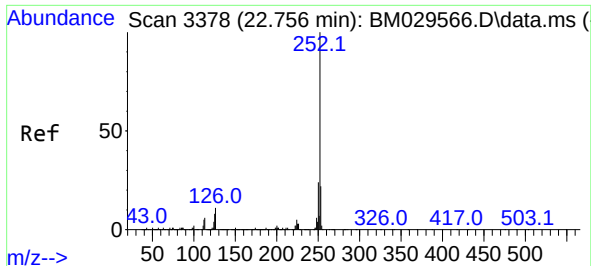
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#87
Indeno(1,2,3-cd)pyrene
Concen: 9.32 ng
RT: 25.580 min Scan# 3858
Delta R.T. 0.000 min
Lab File: BM029654.D
Acq: 26 Apr 2021 17:49

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	





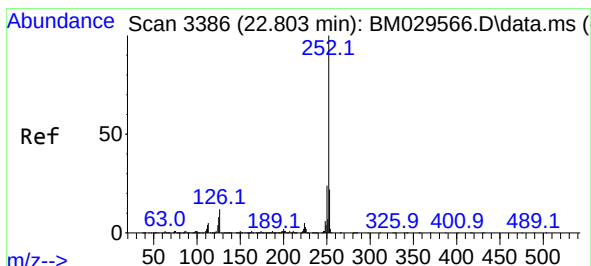
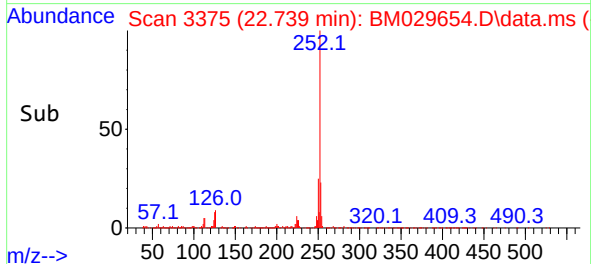
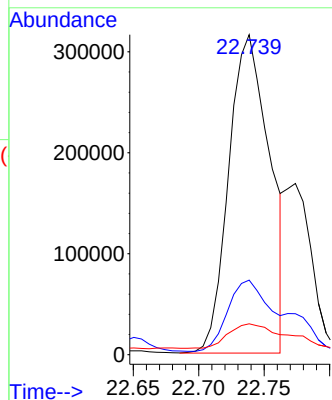
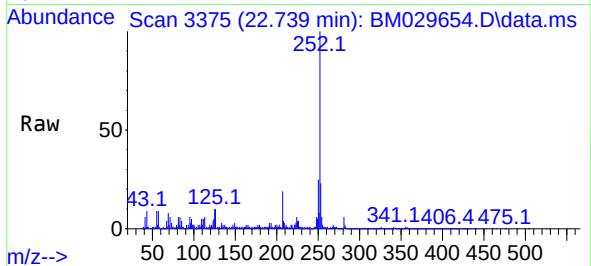
#88
Benzo(b)fluoranthene
Concen: 20.04 ng m
RT: 22.739 min Scan# 3375
Delta R.T. 0.012 min
Lab File: BM029654.D
Acq: 26 Apr 2021 17:49

Tgt Ion:252 Resp: 686730
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.0
125 9.6 6.8 10.2

Instrument :
BNA_M
ClientSampled :
BN-1

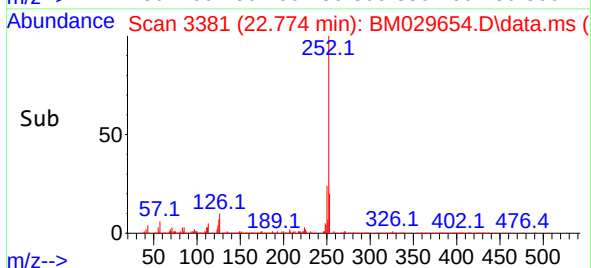
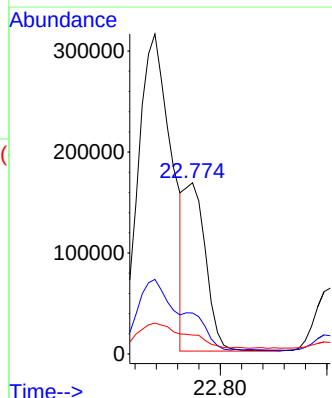
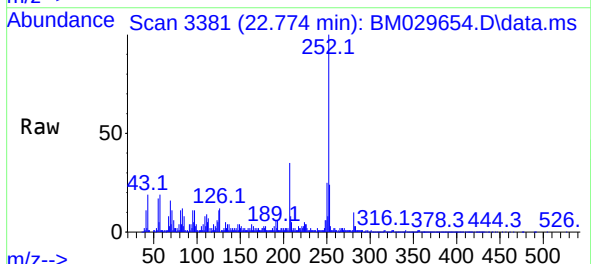
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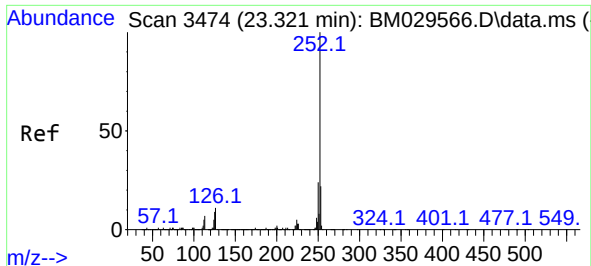
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#89
Benzo(k)fluoranthene
Concen: 6.80 ng m
RT: 22.774 min Scan# 3381
Delta R.T. 0.000 min
Lab File: BM029654.D
Acq: 26 Apr 2021 17:49

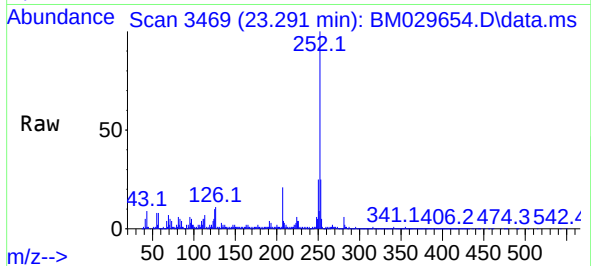
Tgt Ion:252 Resp: 233463
Ion Ratio Lower Upper
252 100
253 24.0 17.4 26.2
125 11.0 6.2 9.2#





#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

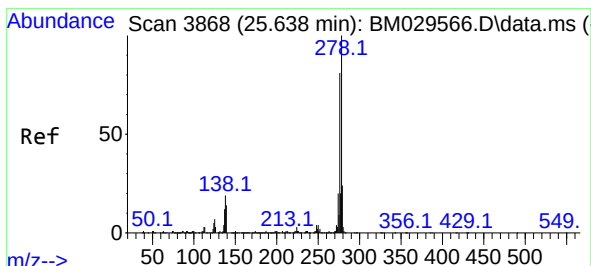
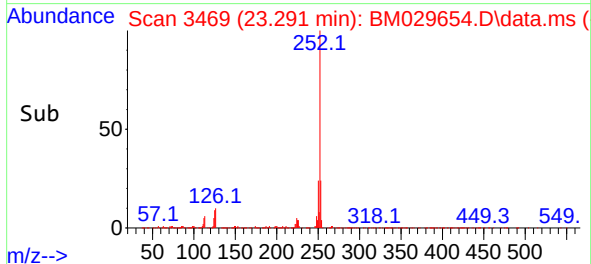
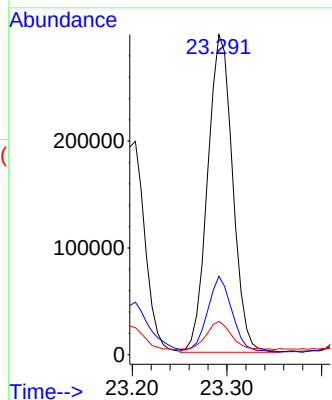
Instrument :
BNA_M
ClientSampled :
BN-1



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

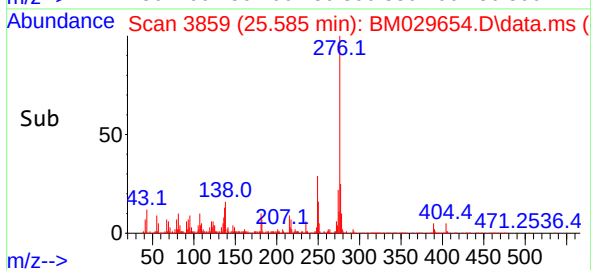
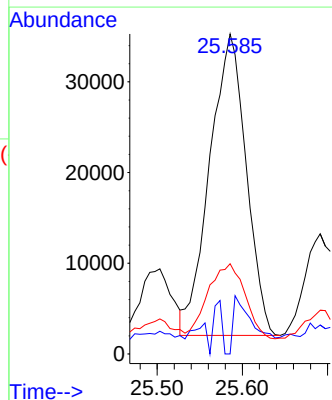
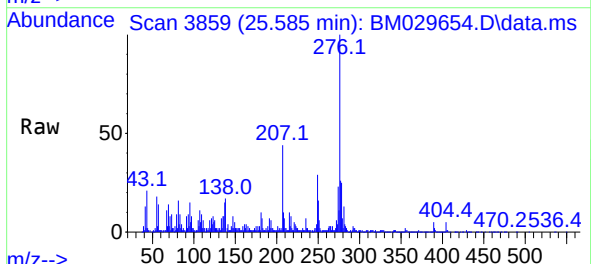
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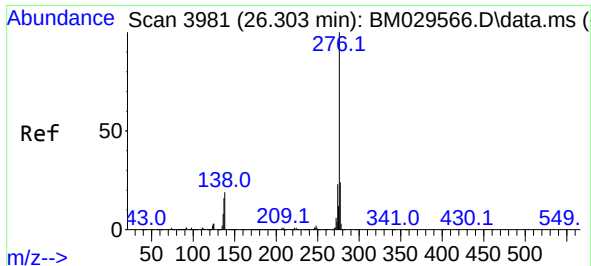
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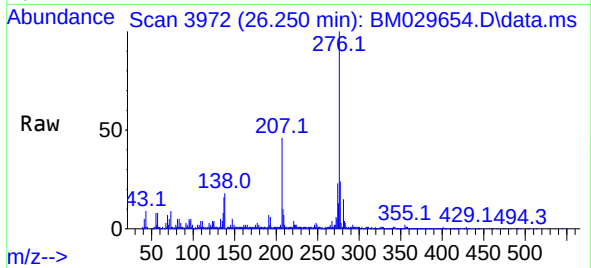
#91
Dibenzo(a,h)anthracene
Concen: 2.82 ng
RT: 25.585 min Scan# 3859
Delta R.T. -0.006 min
Lab File: BM029654.D
Acq: 26 Apr 2021 17:49

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#



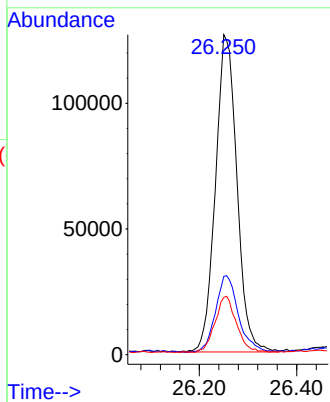
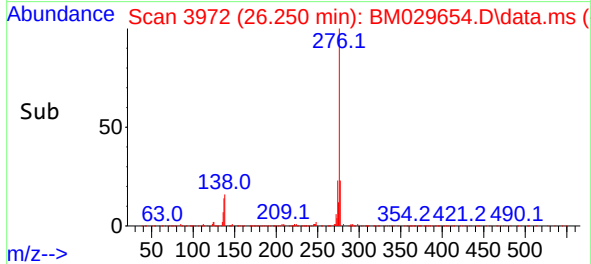


#92
Benzo(g,h,i)perylene
Concen: 11.93 ng
RT: 26.250 min Scan# 3972
Delta R.T. 0.000 min
Lab File: BM029654.D
Acq: 26 Apr 2021 17:49



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



Instrument :
BNA_M
ClientSampleId :
BN-1

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