

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
 Data File : BM028579.D
 Acq On : 27 Jan 2021 20:58
 Operator : CG/JU
 Sample : M1237-01 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SU-01-012621

Manual Integrations
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Quant Time: Jan 27 23:35:09 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 27 13:20:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	33393	20.00	ng	0.00
21) Naphthalene-d8	10.781	136	132755	20.00	ng	# 0.00
39) Acenaphthene-d10	14.610	164	74740	20.00	ng	-0.01
64) Phenanthrene-d10	17.345	188	148062	20.00	ng	# 0.00
76) Chrysene-d12	21.480	240	147725	20.00	ng	# 0.00
86) Perylene-d12	23.750	264	151333	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	17321	8.19	ng	-0.01
7) Phenol-d6	7.169	99	23041	8.01	ng	-0.02
23) Nitrobenzene-d5	9.140	82	13586	4.85	ng	-0.01
42) 2,4,6-Tribromophenol	16.098	330	6864	6.93	ng	-0.01
45) 2-Fluorobiphenyl	13.233	172	30941	5.19	ng	0.00
79) Terphenyl-d14	19.939	244	40032	4.89	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.828	128	15392	2.05	ng	97
58) Fluorene	15.657	166	21103	3.49	ng	96
71) Phenanthrene	17.386	178	148647	16.32	ng	99
72) Anthracene	17.474	178	46861	5.33	ng	97
75) Fluoranthene	19.386	202	213163	20.84	ng	97
78) Pyrene	19.745	202	181270	17.11	ng	99
81) Benzo(a)anthracene	21.468	228	99814	9.78	ng	97
83) Chrysene	21.515	228	80732	8.20	ng	97
87) Indeno(1,2,3-cd)pyrene	26.044	276	54406m	4.83	ng	
88) Benzo(b)fluoranthene	23.068	252	114834	11.18	ng	# 95
89) Benzo(k)fluoranthene	23.103	252	33250m	3.31	ng	
90) Benzo(a)pyrene	23.650	252	85805	9.01	ng	# 94
92) Benzo(g,h,i)perylene	26.756	276	49863	5.43	ng	# 90

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

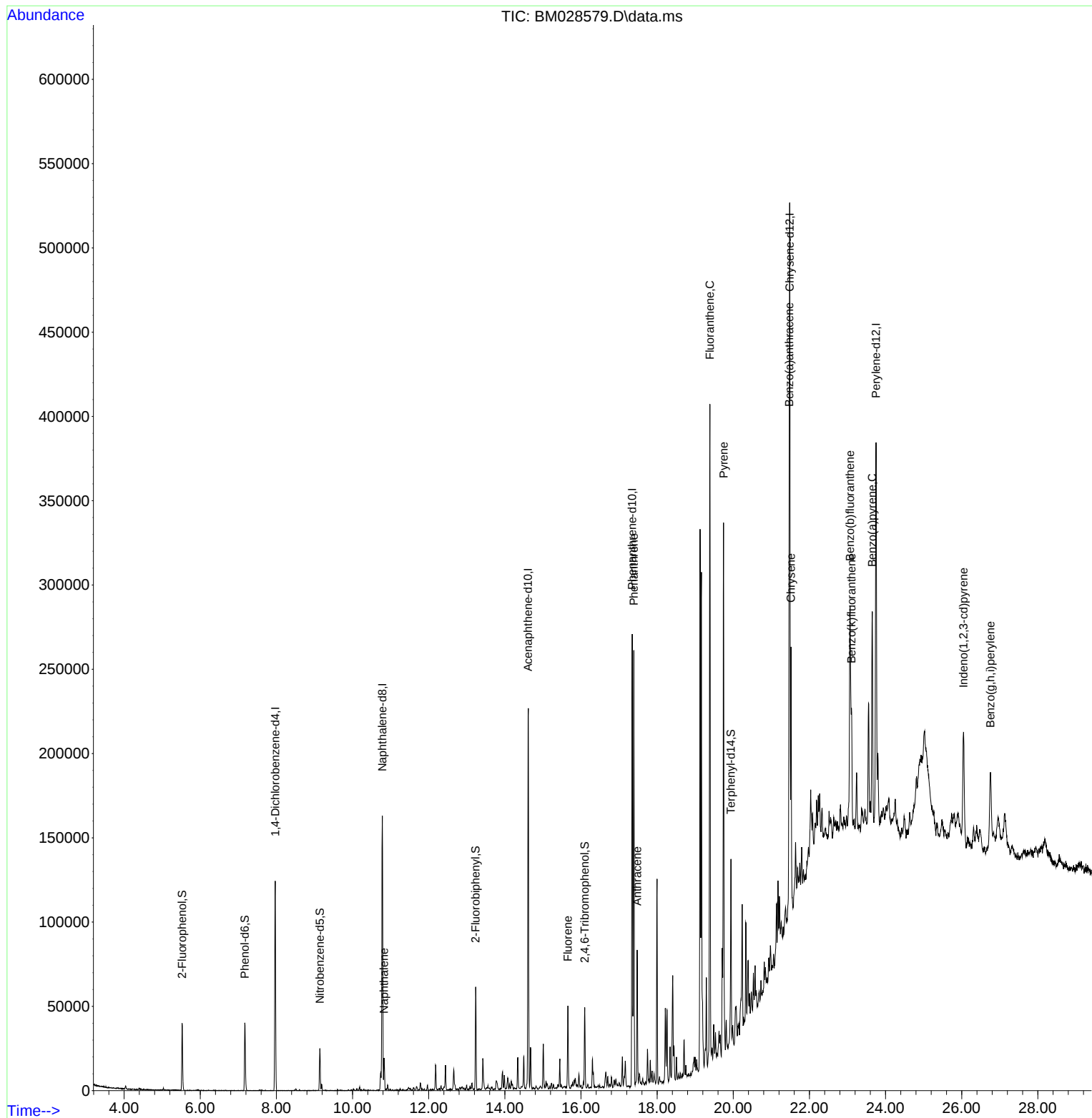
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Data File : BM028579.D
Acq On : 27 Jan 2021 20:58
Operator : CG/JU
Sample : M1237-01 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

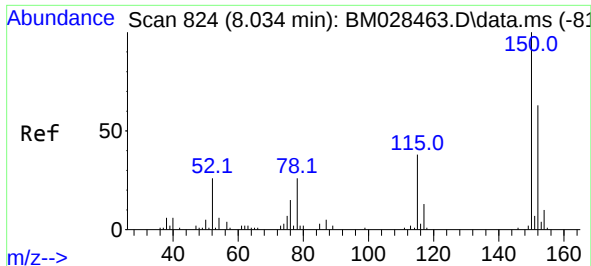
Instrument :
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ClientSampleId :
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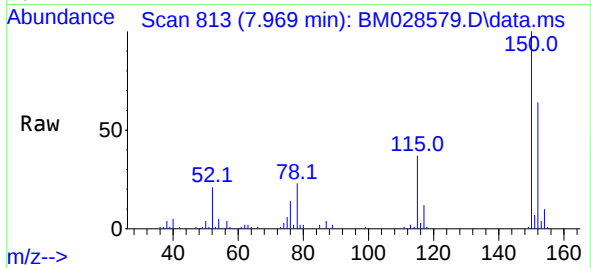
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Quant Time: Jan 27 23:35:09 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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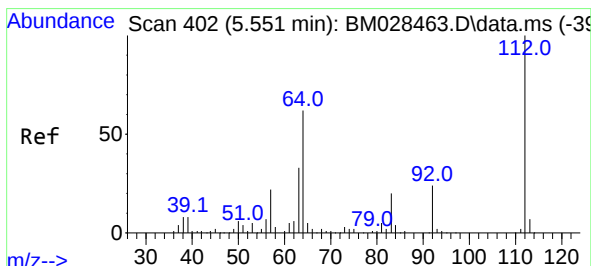
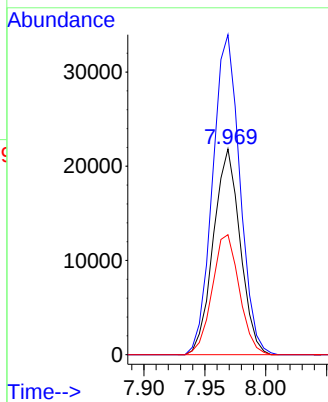
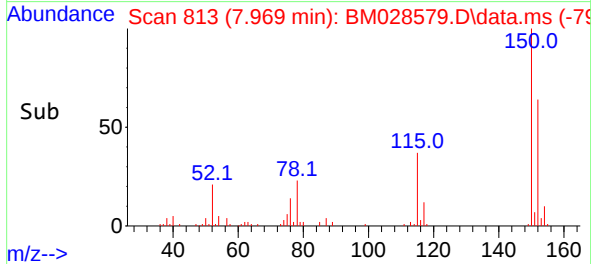




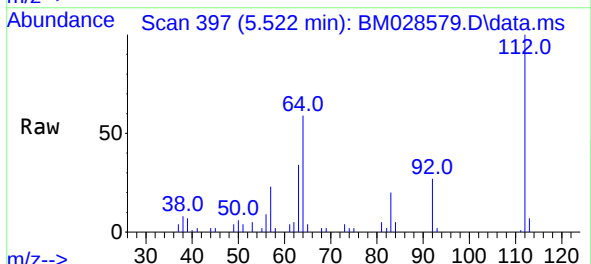
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.969 min Scan# 813
Delta R.T. 0.000 min
Lab File: BM028579.D
Acq: 27 Jan 2021 20:58



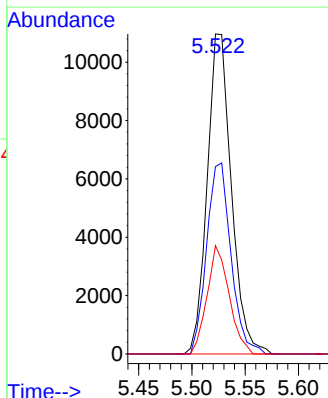
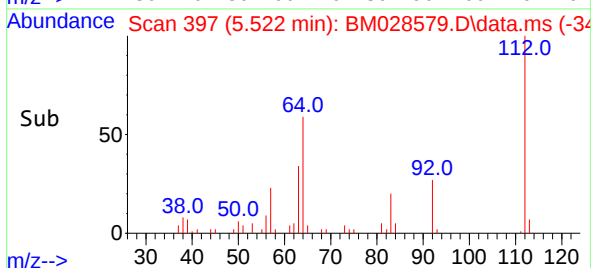
Tgt Ion:152 Resp: 33393
Ion Ratio Lower Upper
152 100
150 155.5 120.6 181.0
115 58.3 47.2 70.8



#5
2-Fluorophenol
Concen: 8.19 ng
RT: 5.522 min Scan# 397
Delta R.T. -0.012 min
Lab File: BM028579.D
Acq: 27 Jan 2021 20:58



Tgt Ion:112 Resp: 17321
Ion Ratio Lower Upper
112 100
64 58.5 50.6 76.0
63 33.9 31.0 46.6



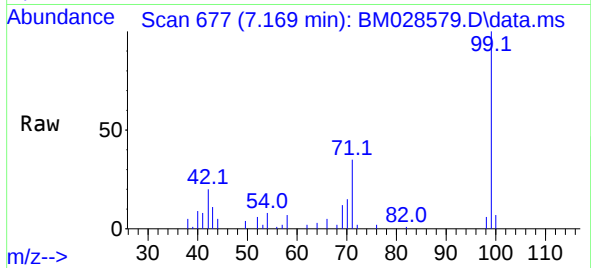
Instrument :
BNA_M
ClientSampled :
SU-01-012621

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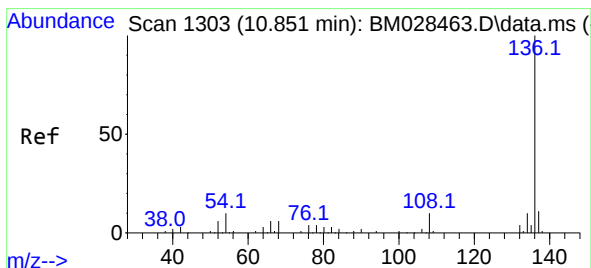
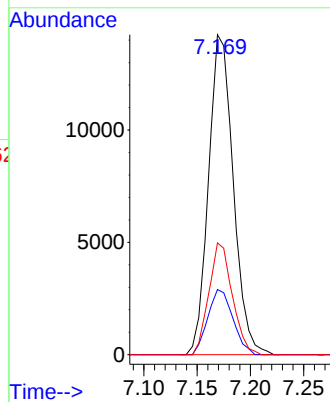
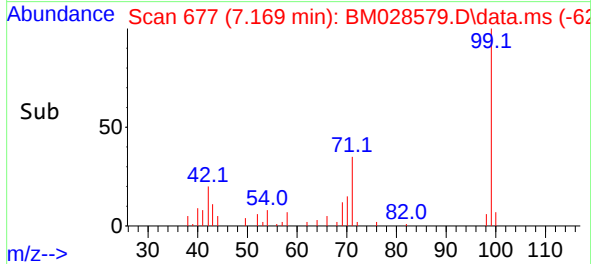
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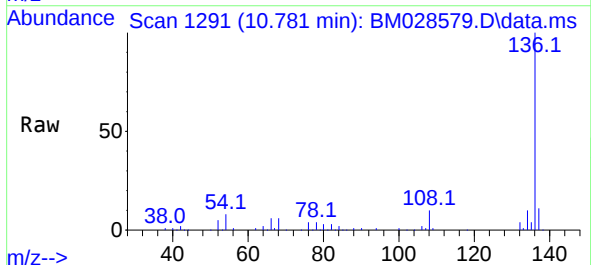
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Phenol-d6
Concen: 8.01 ng
RT: 7.169 min Scan# 677
Delta R.T. -0.018 min
Lab File: BM028579.D
Acq: 27 Jan 2021 20:58



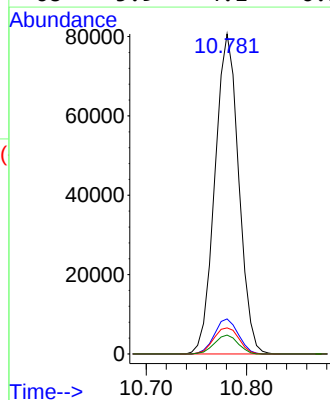
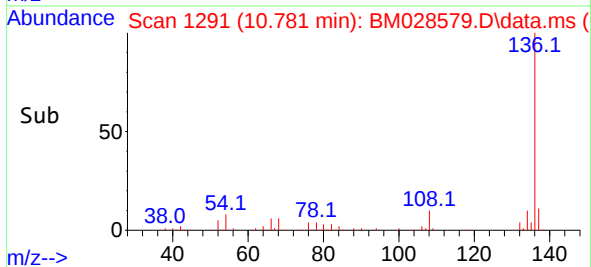
Tgt Ion: 99 Resp: 23041
Ion Ratio Lower Upper
99 100
42 20.3 13.5 20.3#
71 34.9 39.4 59.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.781 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BM028579.D
Acq: 27 Jan 2021 20:58



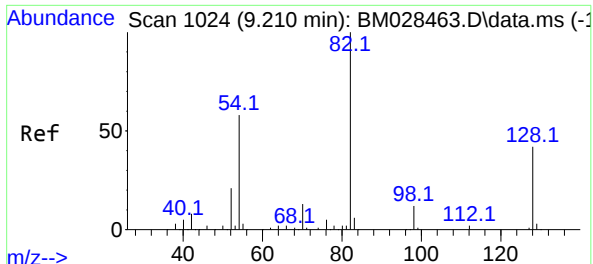
Tgt Ion: 136 Resp: 132755
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 8.2 4.6 7.0#
68 5.9 4.1 6.1



Instrument :
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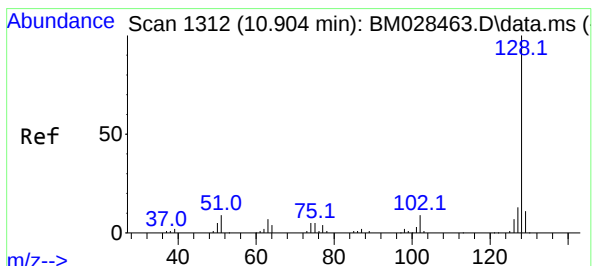
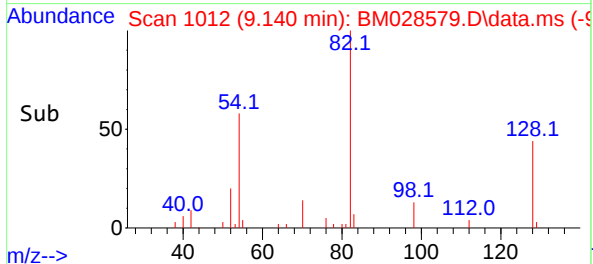
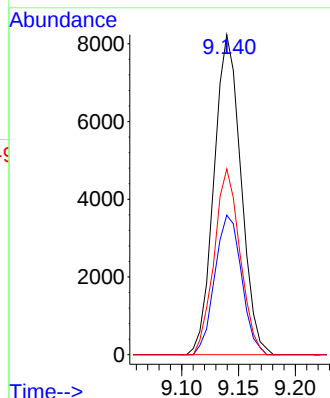
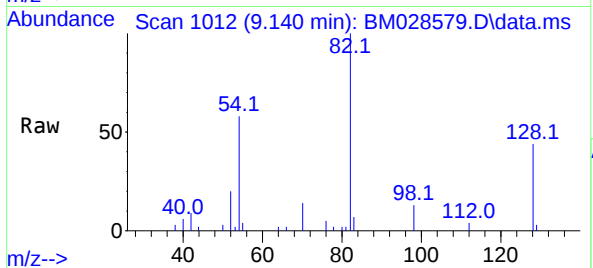
#23
Nitrobenzene-d5
Concen: 4.85 ng
RT: 9.140 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BM028579.D
Acq: 27 Jan 2021 20:58

Tgt Ion: 82 Resp: 13586
Ion Ratio Lower Upper
82 100
128 43.6 27.4 41.0#
54 58.0 31.4 47.0#

Instrument :
BNA_M
ClientSampleId :
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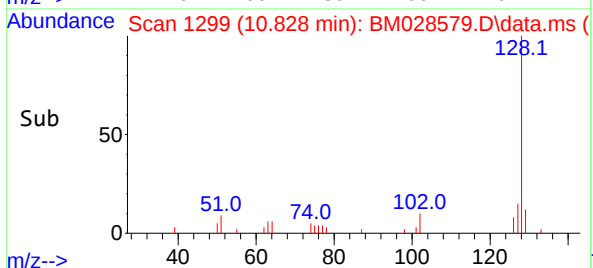
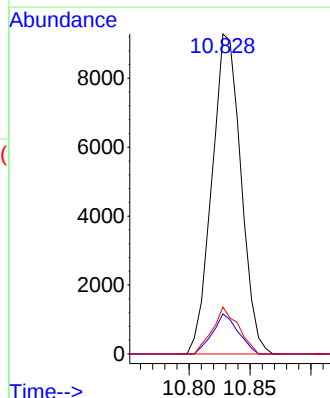
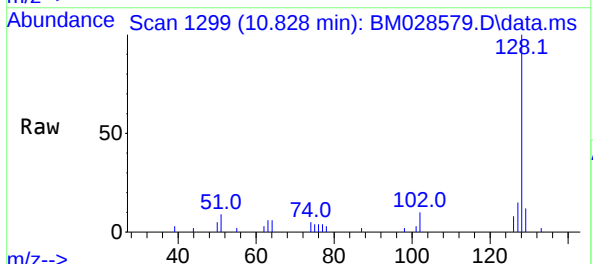
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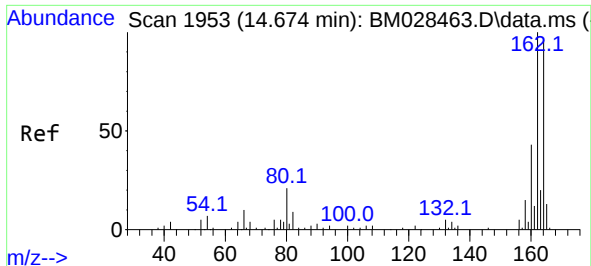
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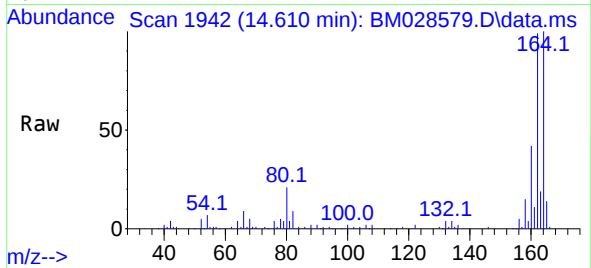
#31
Naphthalene
Concen: 2.05 ng
RT: 10.828 min Scan# 1299
Delta R.T. -0.012 min
Lab File: BM028579.D
Acq: 27 Jan 2021 20:58

Tgt Ion: 128 Resp: 15392
Ion Ratio Lower Upper
128 100
129 12.5 9.0 13.4
127 14.6 10.6 15.8

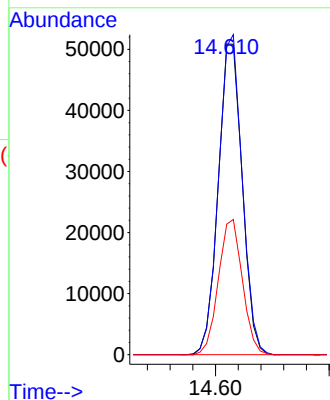
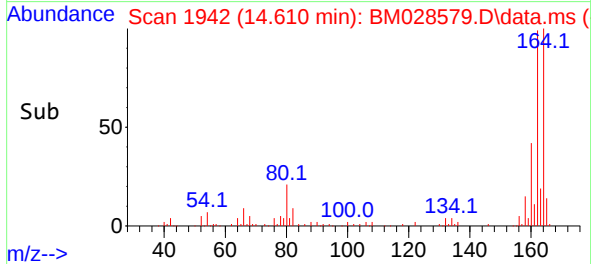




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.610 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BM028579.D
Acq: 27 Jan 2021 20:58



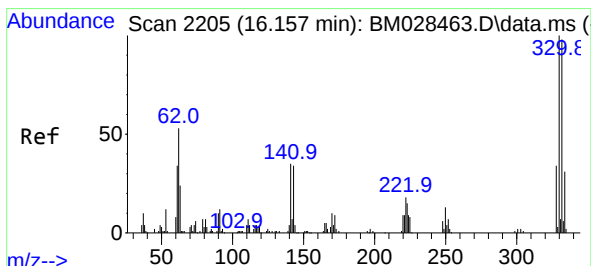
Tgt Ion:164 Resp: 74740
Ion Ratio Lower Upper
164 100
162 99.2 80.4 120.6
160 42.0 35.9 53.9



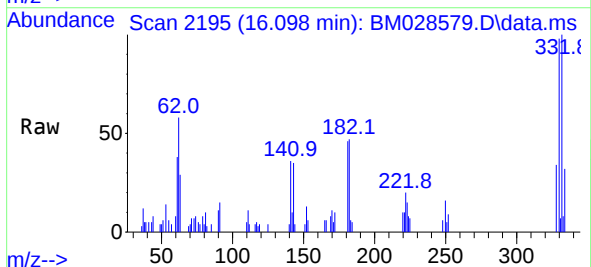
Instrument :
BNA_M
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SU-01-012621

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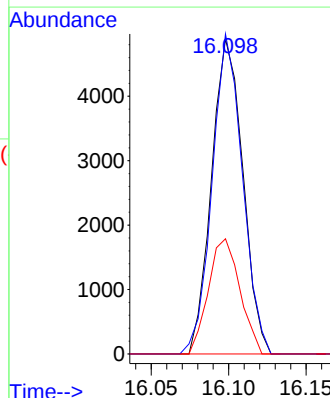
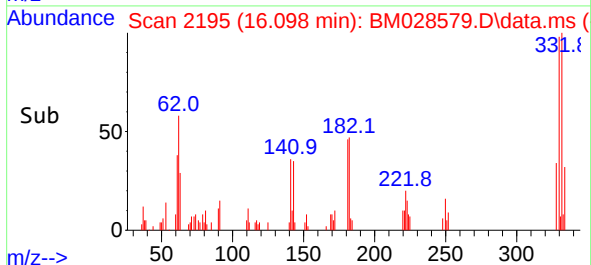
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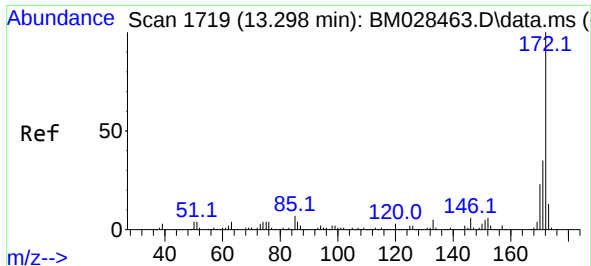


#42
2,4,6-Tribromophenol
Concen: 6.93 ng
RT: 16.098 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BM028579.D
Acq: 27 Jan 2021 20:58



Tgt Ion:330 Resp: 6864
Ion Ratio Lower Upper
330 100
332 98.2 77.8 116.8
141 36.8 28.4 42.6





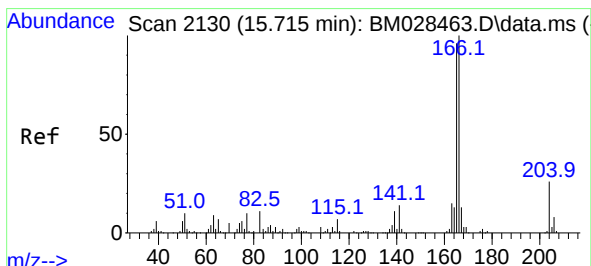
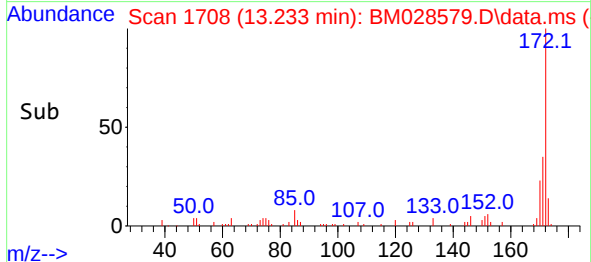
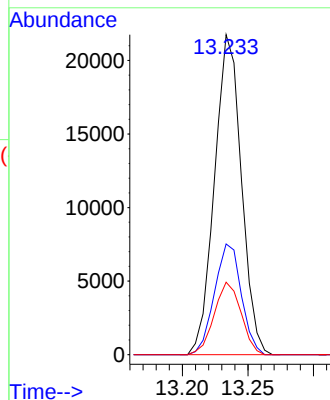
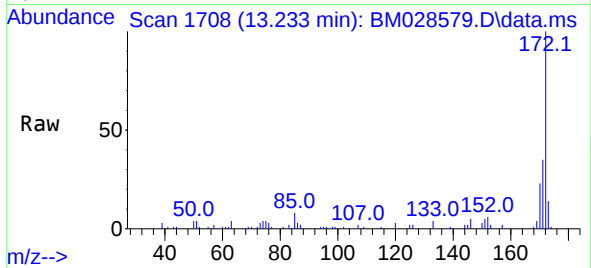
#45
2-Fluorobiphenyl
Concen: 5.19 ng
RT: 13.233 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BM028579.D
Acq: 27 Jan 2021 20:58

Tgt Ion:	172	Resp:	30941
Ion Ratio	Lower	Upper	
172	100		
171	34.6	27.8	41.8
170	22.6	18.6	27.8

Instrument :
BNA_M
ClientSampled :
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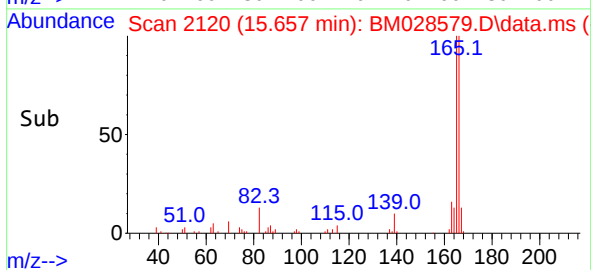
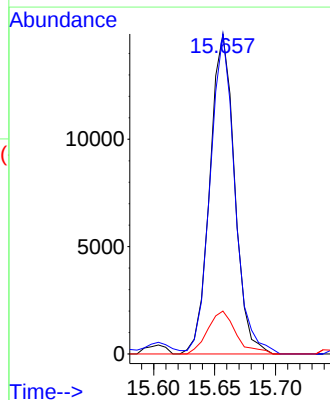
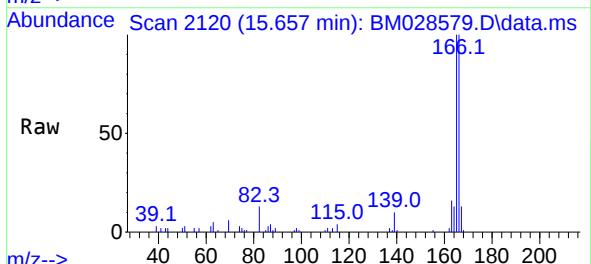
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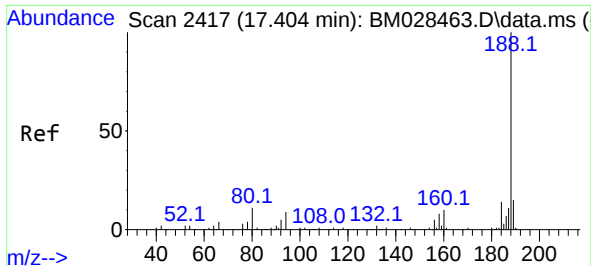
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#58
Fluorene
Concen: 3.49 ng
RT: 15.657 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BM028579.D
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Tgt Ion:	166	Resp:	21103
Ion Ratio	Lower	Upper	
166	100		
165	100.1	76.2	114.2
167	13.4	10.7	16.1





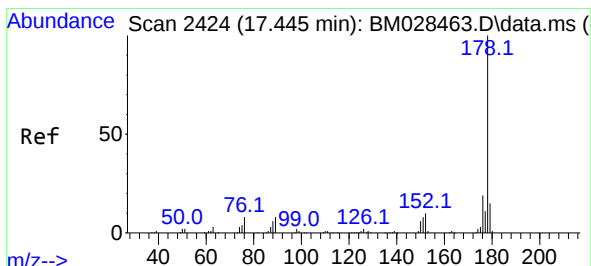
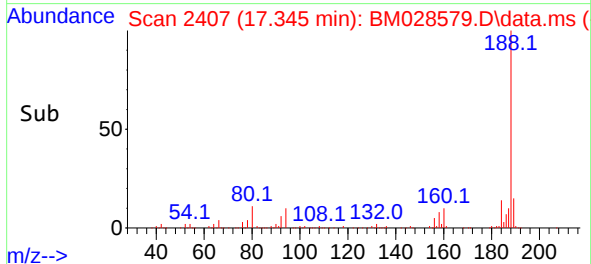
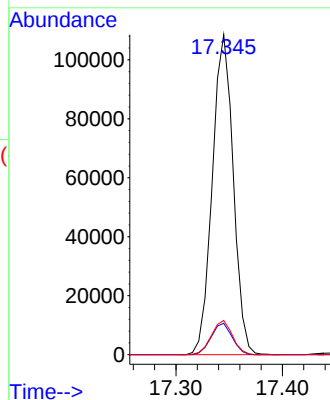
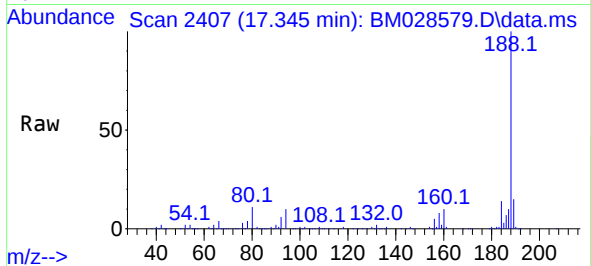
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.345 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM028579.D
Acq: 27 Jan 2021 20:58

Tgt Ion:188 Resp: 148062
Ion Ratio Lower Upper
188 100
94 9.8 6.2 9.4#
80 10.7 7.5 11.3

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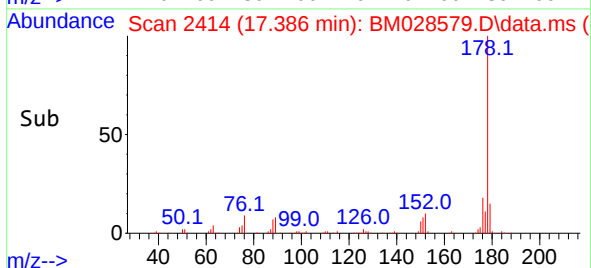
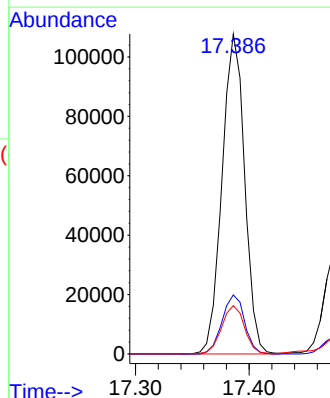
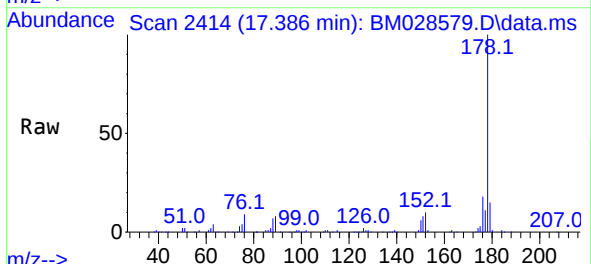
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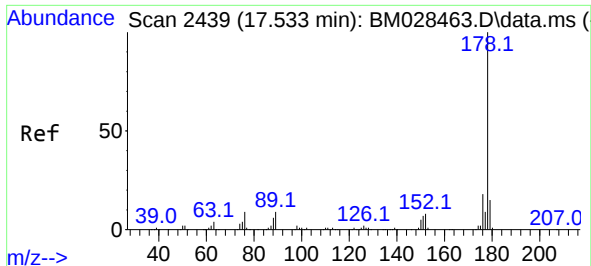
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#71
Phenanthrene
Concen: 16.32 ng
RT: 17.386 min Scan# 2414
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Lab File: BM028579.D
Acq: 27 Jan 2021 20:58

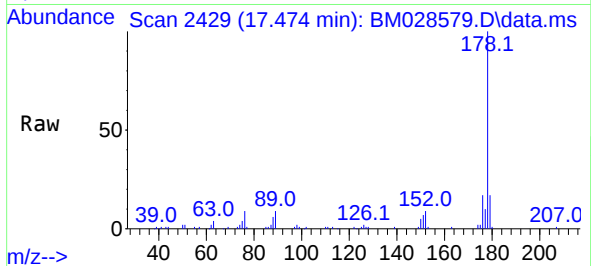
Tgt Ion:178 Resp: 148647
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 15.1 12.2 18.4





#72
 Anthracene
 Concen: 5.33 ng
 RT: 17.474 min Scan# 2429
 Delta R.T. -0.006 min
 Lab File: BM028579.D
 Acq: 27 Jan 2021 20:58

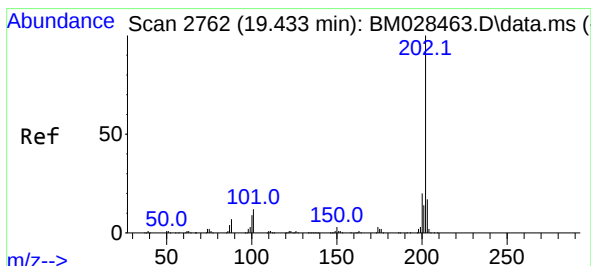
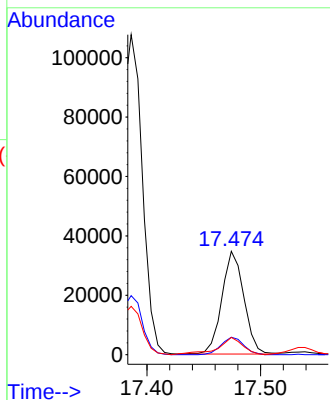
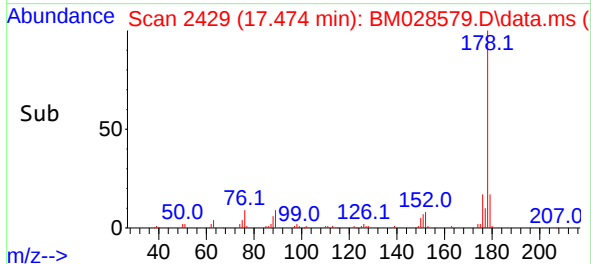
Instrument :
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 ClientSampleId :
 SU-01-012621



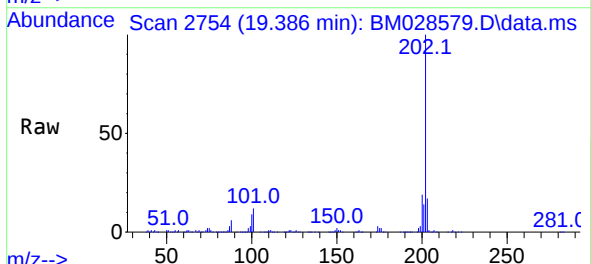
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 Ion Ratio Lower Upper
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 176 16.8 15.0 22.4
 179 16.7 12.5 18.7

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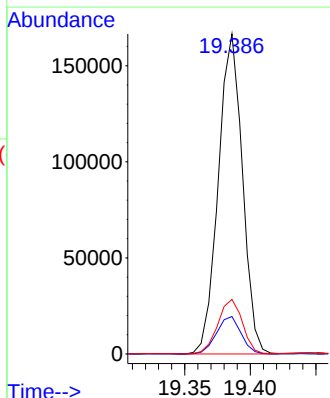
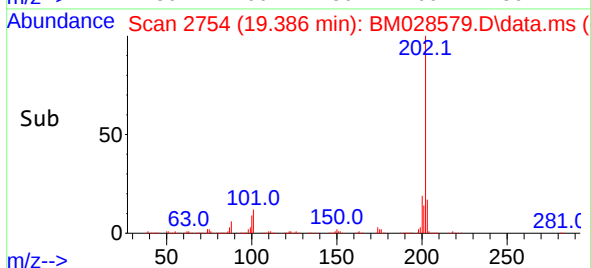
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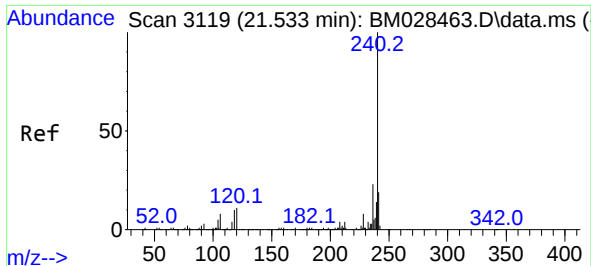


#75
 Fluoranthene
 Concen: 20.84 ng
 RT: 19.386 min Scan# 2754
 Delta R.T. -0.006 min
 Lab File: BM028579.D
 Acq: 27 Jan 2021 20:58



Tgt Ion:202 Resp: 213163
 Ion Ratio Lower Upper
 202 100
 101 11.7 0.0 28.5
 203 17.1 0.0 37.3





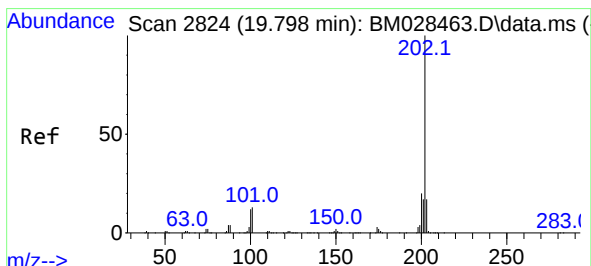
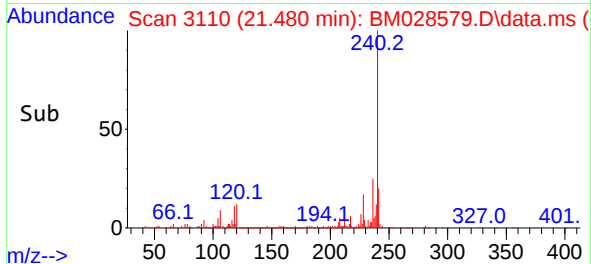
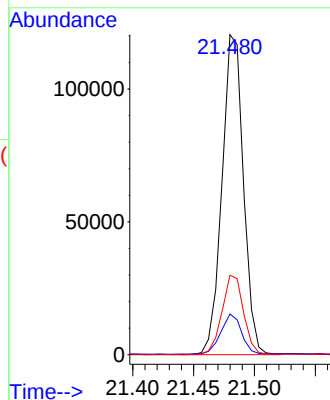
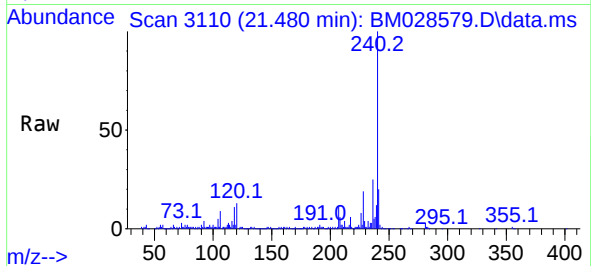
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.480 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM028579.D
Acq: 27 Jan 2021 20:58

Tgt Ion:240 Resp: 147725
Ion Ratio Lower Upper
240 100
120 12.7 6.4 9.6#
236 24.8 20.1 30.1

Instrument :
BNA_M
ClientSampleId :
SU-01-012621

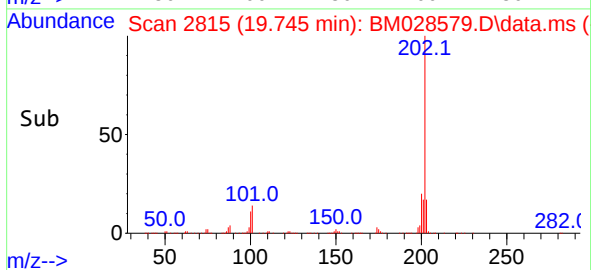
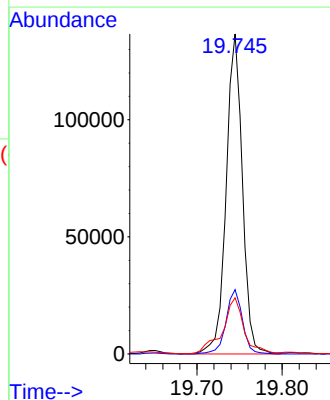
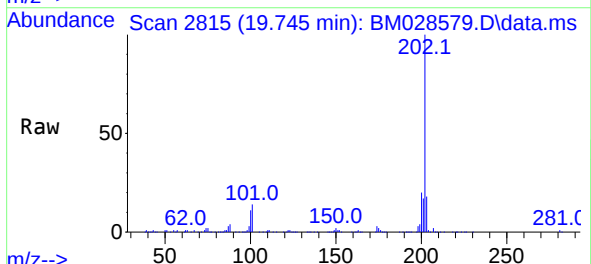
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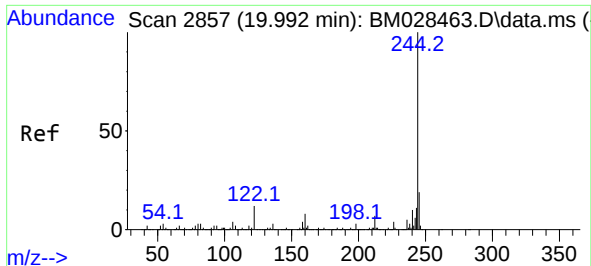
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#78
Pyrene
Concen: 17.11 ng
RT: 19.745 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BM028579.D
Acq: 27 Jan 2021 20:58

Tgt Ion:202 Resp: 181270
Ion Ratio Lower Upper
202 100
200 20.1 16.6 24.8
203 17.6 13.8 20.6





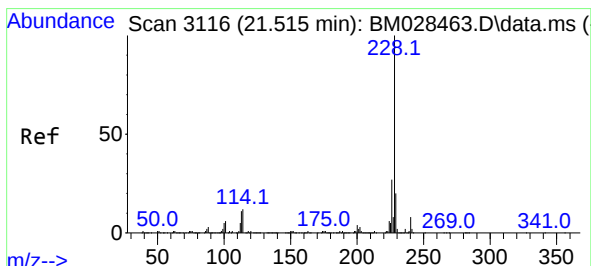
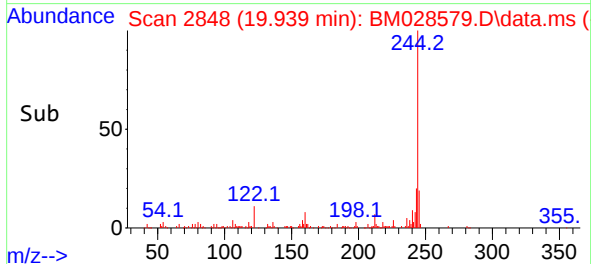
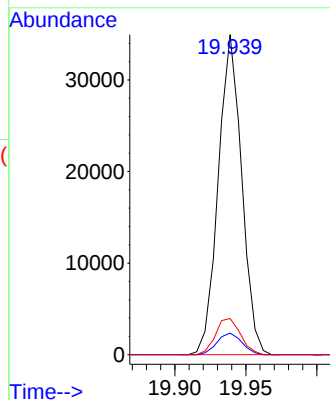
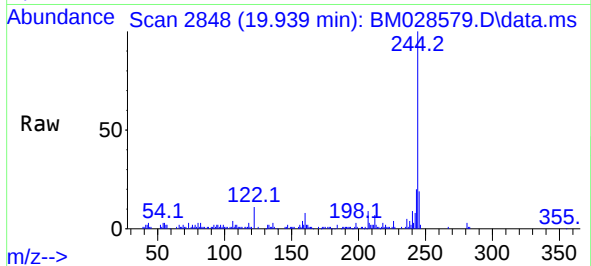
#79
 Terphenyl-d14
 Concen: 4.89 ng
 RT: 19.939 min Scan# 2848
 Delta R.T. -0.006 min
 Lab File: BM028579.D
 Acq: 27 Jan 2021 20:58

Tgt Ion:244 Resp: 40032
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.8
 122 11.3 6.5 9.7#

Instrument :
 BNA_M
 ClientSampleId :
 SU-01-012621

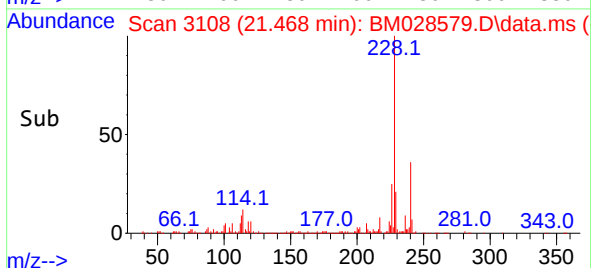
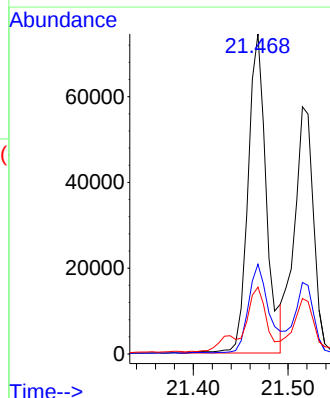
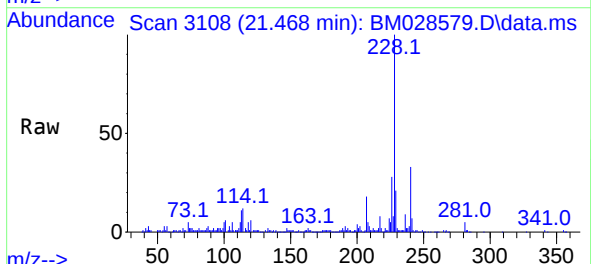
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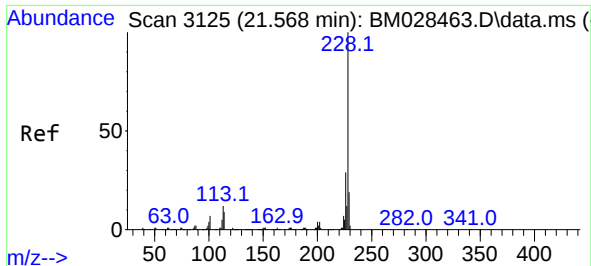
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#81
 Benzo(a)anthracene
 Concen: 9.78 ng
 RT: 21.468 min Scan# 3108
 Delta R.T. -0.006 min
 Lab File: BM028579.D
 Acq: 27 Jan 2021 20:58

Tgt Ion:228 Resp: 99814
 Ion Ratio Lower Upper
 228 100
 226 28.1 21.1 31.7
 229 20.9 15.7 23.5





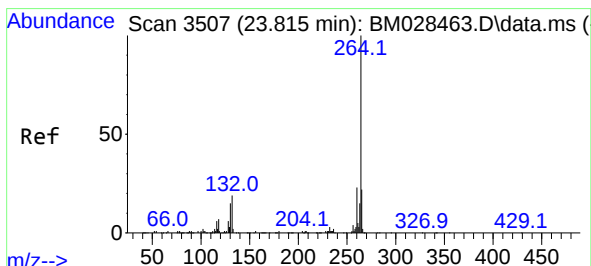
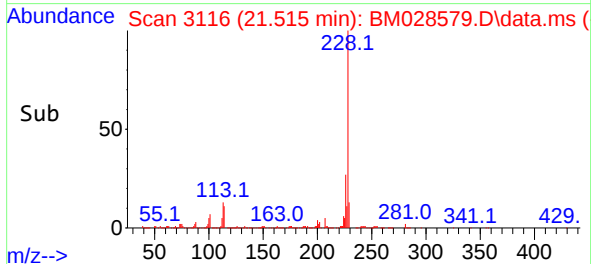
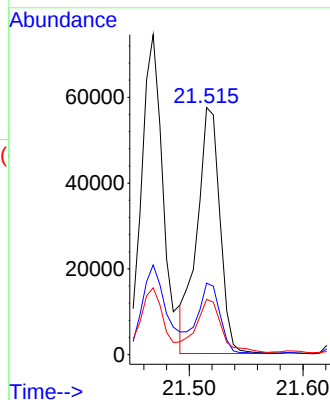
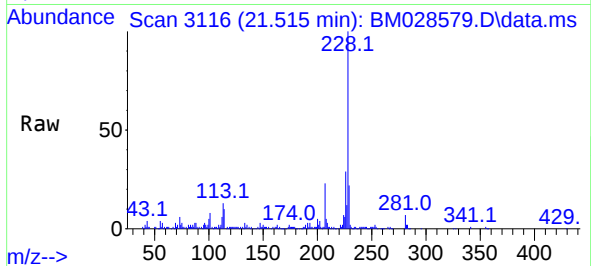
#83
Chrysene
Concen: 8.20 ng
RT: 21.515 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BM028579.D
Acq: 27 Jan 2021 20:58

Tgt Ion:	228	Resp:	80732
Ion Ratio	Lower	Upper	
228	100		
226	28.9	23.4	35.0
229	22.4	15.7	23.5

Instrument :
BNA_M
ClientSampleId :
SU-01-012621

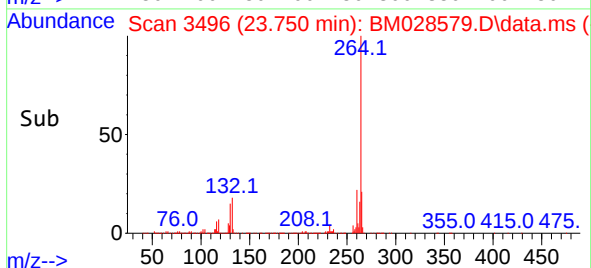
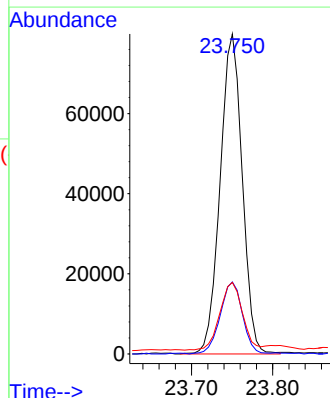
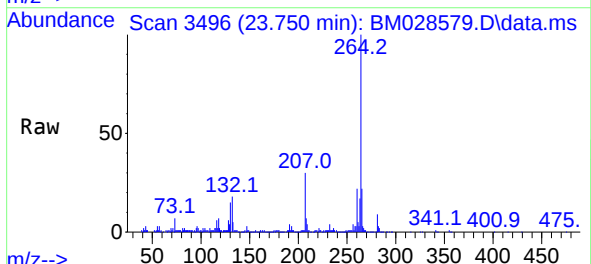
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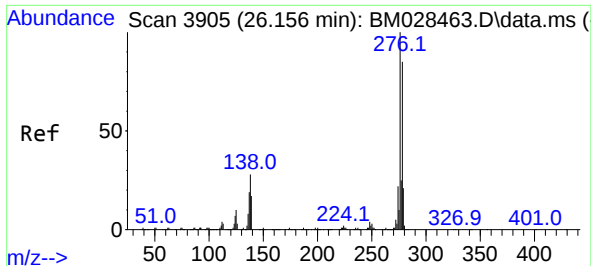
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#86
Perylene-d12
Concen: 20.00 ng
RT: 23.750 min Scan# 3496
Delta R.T. 0.000 min
Lab File: BM028579.D
Acq: 27 Jan 2021 20:58

Tgt Ion:	264	Resp:	151333
Ion Ratio	Lower	Upper	
264	100		
260	22.5	19.0	28.4
265	22.4	17.7	26.5





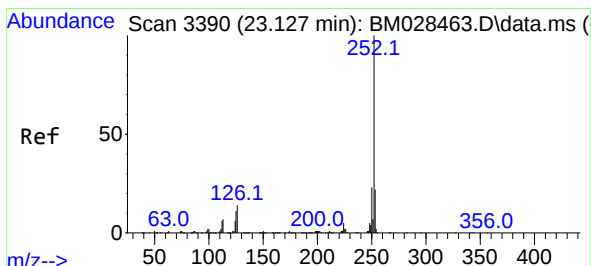
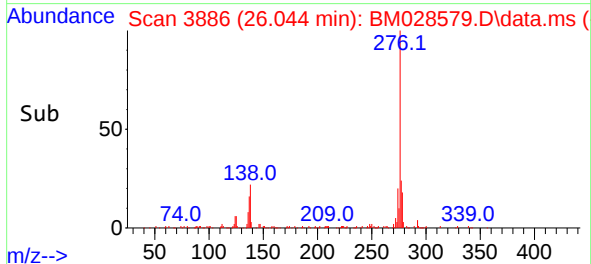
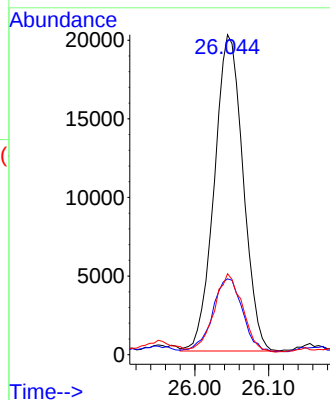
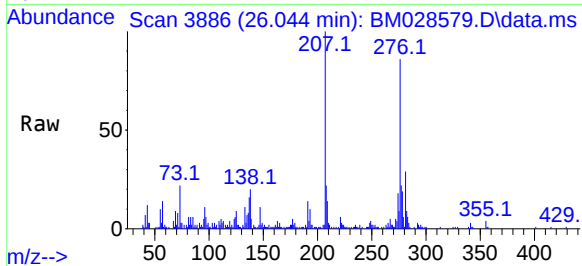
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.83 ng m
RT: 26.044 min Scan# 3886
Delta R.T. -0.023 min
Lab File: BM028579.D
Acq: 27 Jan 2021 20:58

Tgt Ion:276 Resp: 54406
Ion Ratio Lower Upper
276 100
138 2.0 14.2 21.4#
277 2.2 19.8 29.8#

Instrument :
BNA_M
ClientSampled :
SU-01-012621

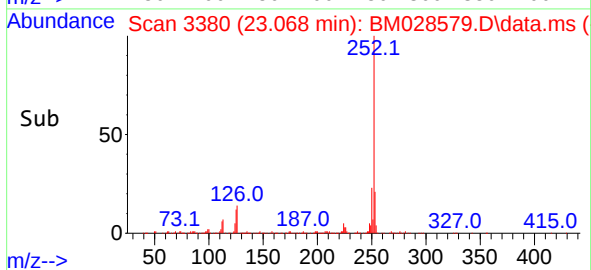
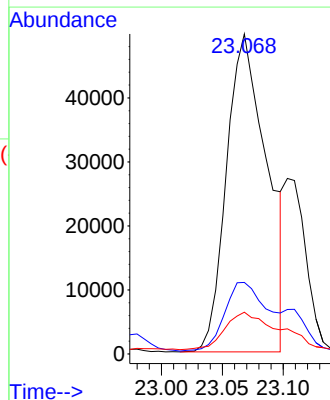
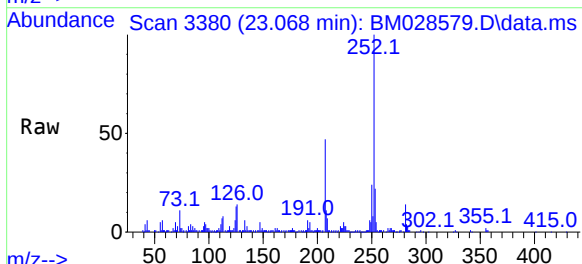
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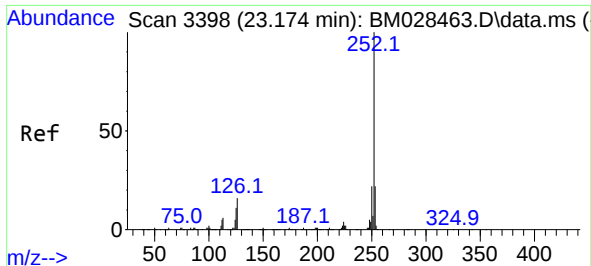
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#88
Benzo(b)fluoranthene
Concen: 11.18 ng
RT: 23.068 min Scan# 3380
Delta R.T. -0.006 min
Lab File: BM028579.D
Acq: 27 Jan 2021 20:58

Tgt Ion:252 Resp: 114834
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 13.1 5.7 8.5#





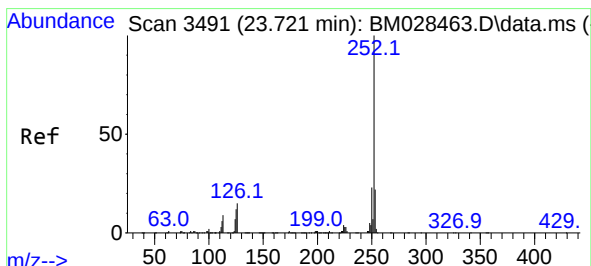
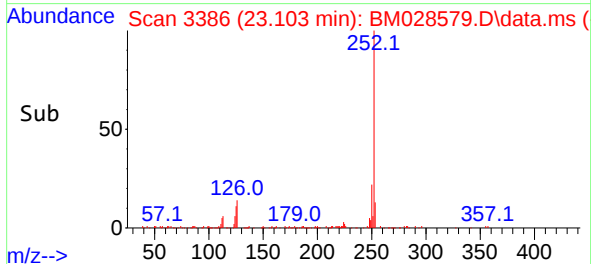
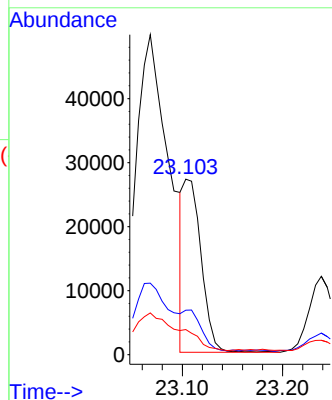
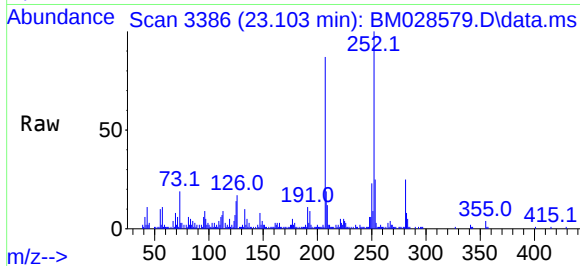
#89
Benzo(k)fluoranthene
Concen: 3.31 ng m
RT: 23.103 min Scan# 3386
Delta R.T. -0.012 min
Lab File: BM028579.D
Acq: 27 Jan 2021 20:58

Tgt Ion:252 Resp: 33250
Ion Ratio Lower Upper
252 100
253 25.4 17.4 26.0
125 14.4 5.6 8.4#

Instrument :
BNA_M
ClientSampled :
SU-01-012621

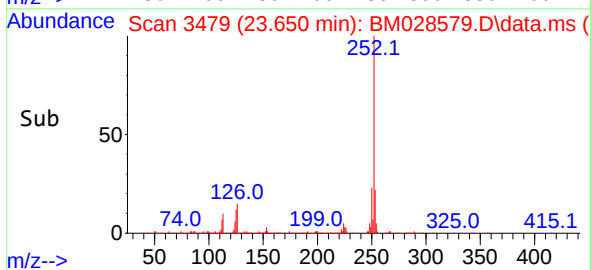
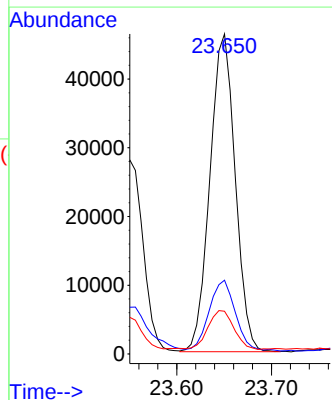
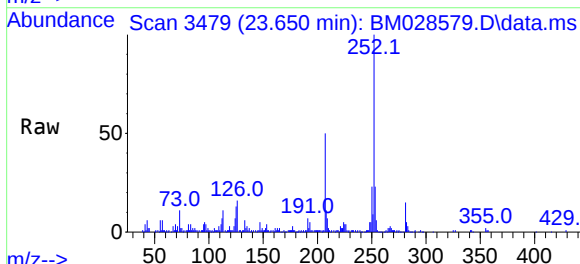
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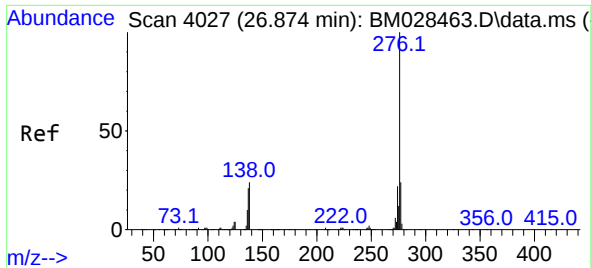
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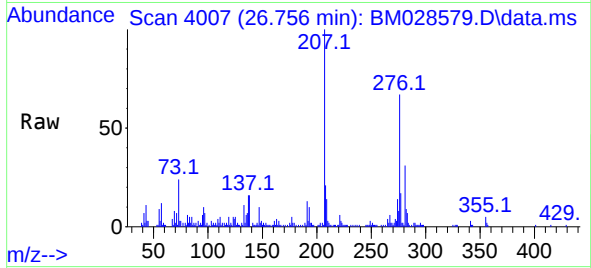
#90
Benzo(a)pyrene
Concen: 9.01 ng
RT: 23.650 min Scan# 3479
Delta R.T. -0.006 min
Lab File: BM028579.D
Acq: 27 Jan 2021 20:58

Tgt Ion:252 Resp: 85805
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.2
125 13.3 6.6 9.8#

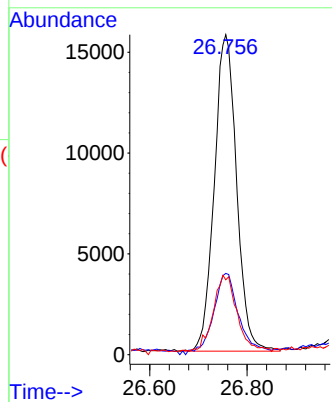
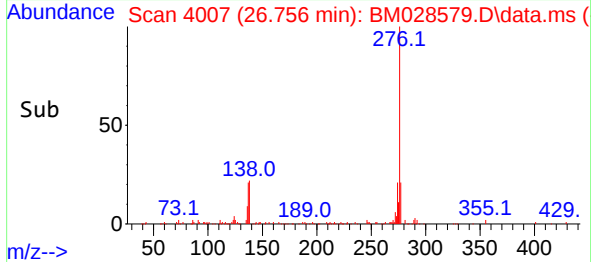




#92
Benzo(g,h,i)perylene
Concen: 5.43 ng
RT: 26.756 min Scan# 4007
Delta R.T. -0.018 min
Lab File: BM028579.D
Acq: 27 Jan 2021 20:58



Tgt Ion: 276 Resp: 49863
Ion Ratio Lower Upper
276 100
277 25.4 18.6 28.0
138 23.4 12.2 18.2#



Instrument :
BNA_M
ClientSampleId :
SU-01-012621

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