

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012821\
 Data File : BM028591.D
 Acq On : 28 Jan 2021 17:20
 Operator : CG/JU
 Sample : M1254-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CRT-15

Manual Integrations
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Quant Time: Jan 28 23:36:16 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	7.963	152	33313	20.00	ng	0.00
21) Naphthalene-d8	10.780	136	131752	20.00	ng	# 0.00
39) Acenaphthene-d10	14.610	164	71237	20.00	ng	-0.01
64) Phenanthrene-d10	17.345	188	135985	20.00	ng	# 0.00
76) Chrysene-d12	21.486	240	128002	20.00	ng	# 0.00
86) Perylene-d12	23.750	264	132208	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	182606	86.59	ng	-0.02
7) Phenol-d6	7.157	99	227126	79.10	ng	-0.03
23) Nitrobenzene-d5	9.139	82	144014	51.84	ng	-0.01
42) 2,4,6-Tribromophenol	16.098	330	73592	77.97	ng	-0.01
45) 2-Fluorobiphenyl	13.233	172	247479	43.59	ng	0.00
79) Terphenyl-d14	19.939	244	238476	33.64	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.181	94	6295	2.33	ng	95
50) Dimethylphthalate	14.063	163	14269	2.44	ng	99
71) Phenanthrene	17.386	178	55137	6.59	ng	99
75) Fluoranthene	19.386	202	147177	15.67	ng	97
78) Pyrene	19.745	202	145841	15.89	ng	98
80) Butylbenzylphthalate	20.627	149	39336	9.72	ng	96
81) Benzo(a)anthracene	21.468	228	94242	10.66	ng	96
83) Chrysene	21.521	228	87437	10.25	ng	97
84) Bis(2-ethylhexyl)phtha...	21.386	149	35310	6.17	ng	98
87) Indeno(1,2,3-cd)pyrene	26.050	276	56462	5.73	ng	# 91
88) Benzo(b)fluoranthene	23.068	252	117852m	13.13	ng	
89) Benzo(k)fluoranthene	23.109	252	37879m	4.32	ng	
90) Benzo(a)pyrene	23.650	252	84576	10.17	ng	# 92
92) Benzo(g,h,i)perylene	26.762	276	55317	6.90	ng	# 89

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

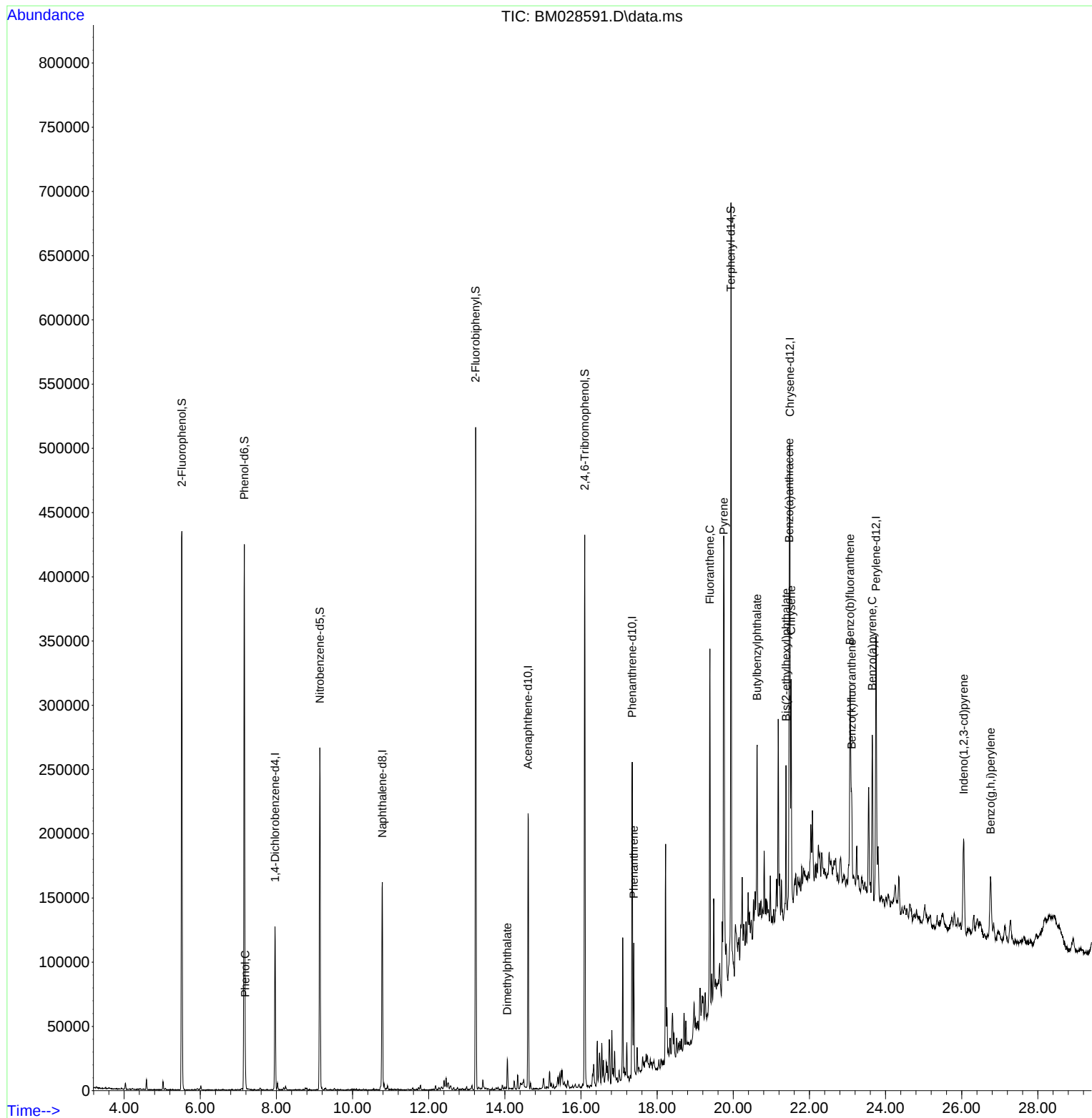
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Data File : BM028591.D
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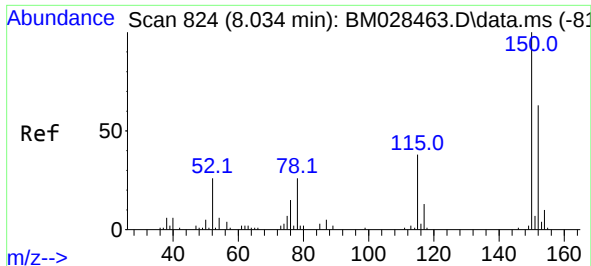
Instrument :
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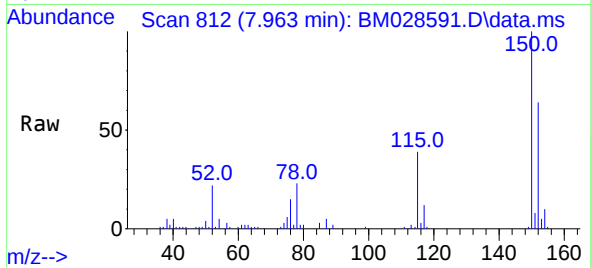
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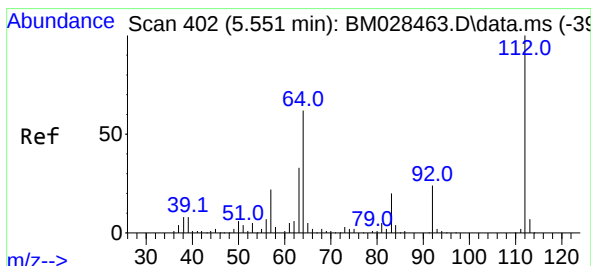
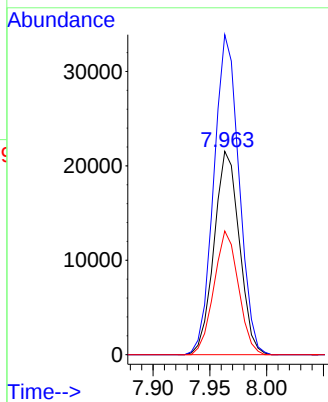
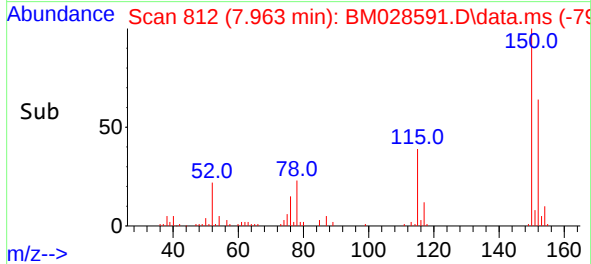




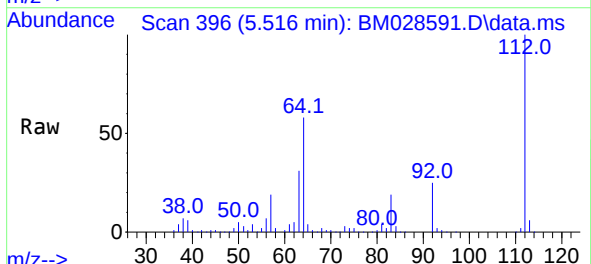
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.963 min Scan# 812
Delta R.T. -0.006 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20



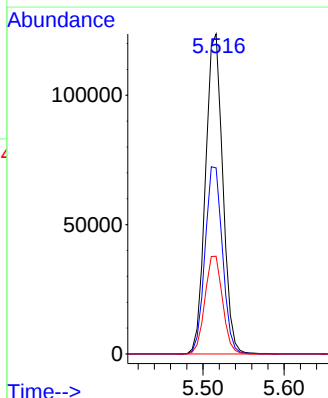
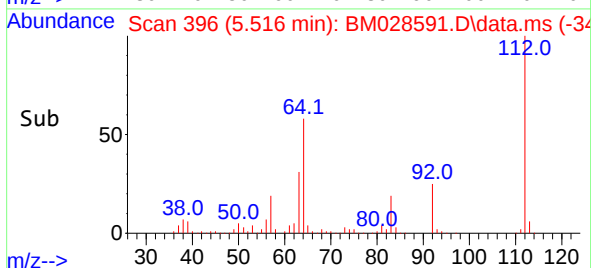
Tgt Ion:152 Resp: 33313
Ion Ratio Lower Upper
152 100
150 157.4 120.6 181.0
115 60.8 47.2 70.8



#5
2-Fluorophenol
Concen: 86.59 ng
RT: 5.516 min Scan# 396
Delta R.T. -0.018 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20



Tgt Ion:112 Resp: 182606
Ion Ratio Lower Upper
112 100
64 58.1 50.6 76.0
63 30.5 31.0 46.6#



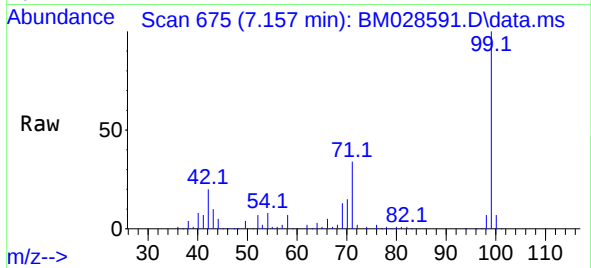
Instrument :
BNA_M
ClientSampled :
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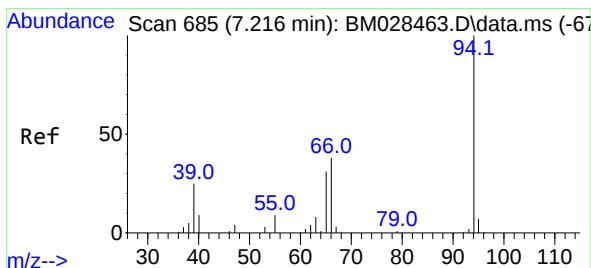
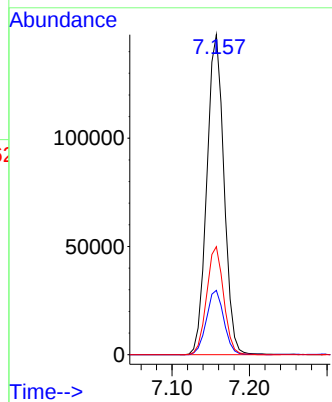
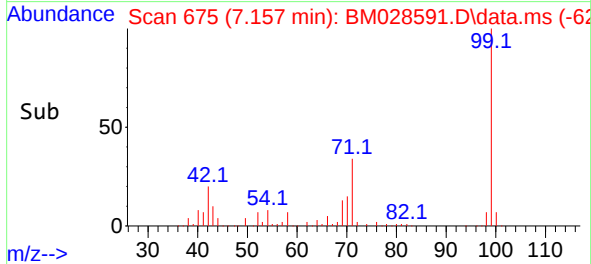
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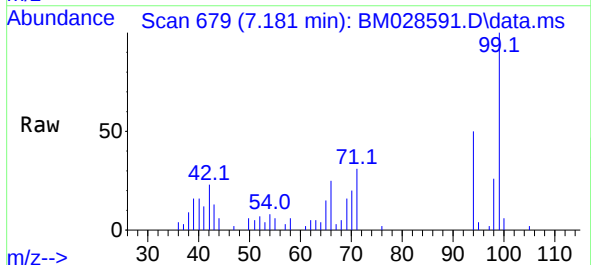
#7
Phenol-d6
Concen: 79.10 ng
RT: 7.157 min Scan# 675
Delta R.T. -0.029 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20



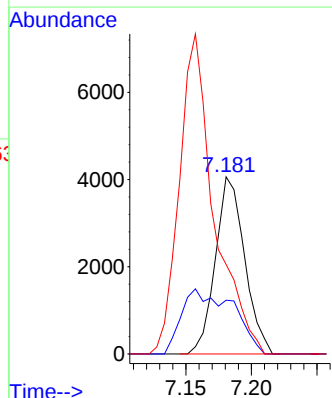
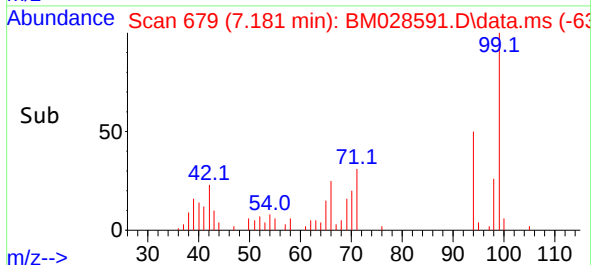
Tgt Ion: 99 Resp: 227126
Ion Ratio Lower Upper
99 100
42 20.1 13.5 20.3
71 33.8 39.4 59.0#



#10
Phenol
Concen: 2.33 ng
RT: 7.181 min Scan# 679
Delta R.T. -0.029 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20



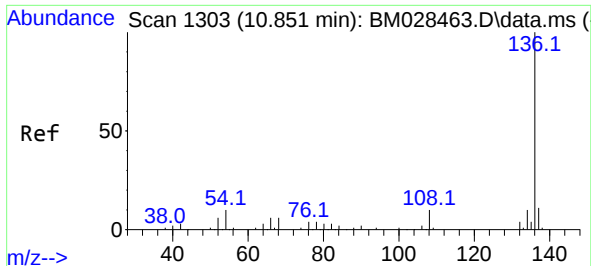
Tgt Ion: 94 Resp: 6295
Ion Ratio Lower Upper
94 100
65 30.3 16.4 56.4
66 50.5 30.2 70.2



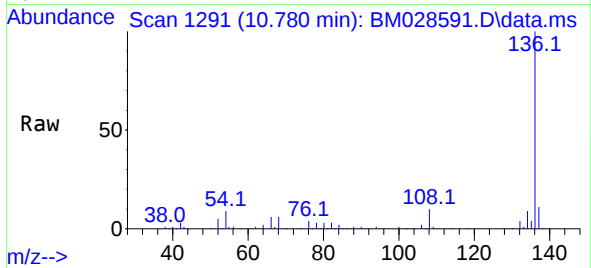
Instrument :
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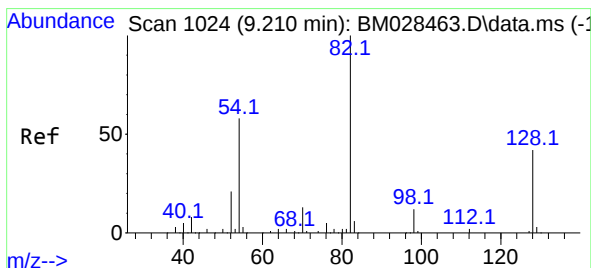
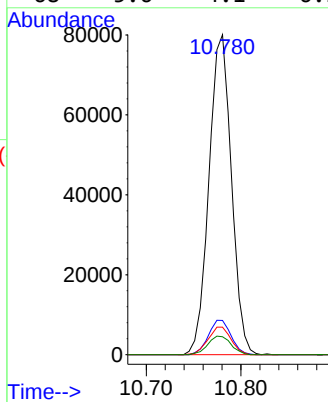
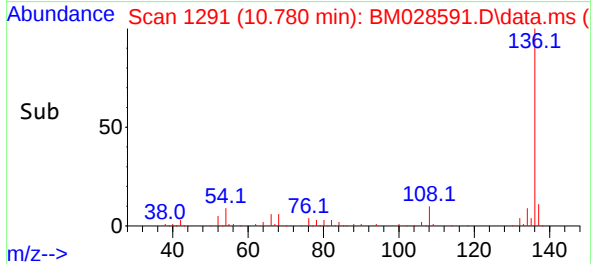
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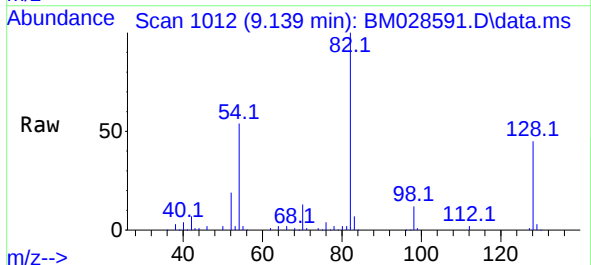
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.780 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20



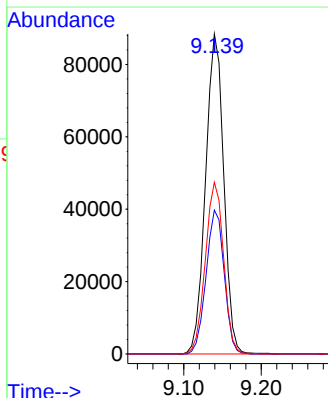
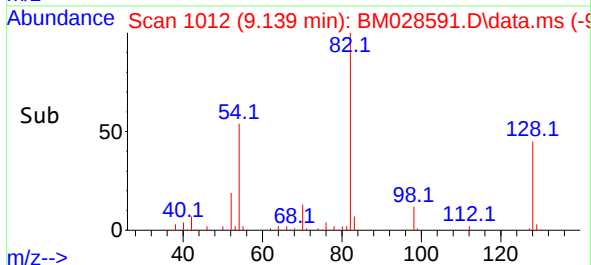
Tgt Ion:	136	Resp:	131752
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	12.8
54	8.6	4.6	7.0#
68	5.6	4.1	6.1



#23
Nitrobenzene-d5
Concen: 51.84 ng
RT: 9.139 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20



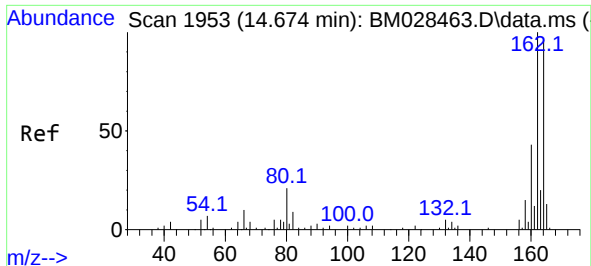
Tgt Ion:	82	Resp:	144014
Ion Ratio	Lower	Upper	
82	100		
128	44.9	27.4	41.0#
54	53.6	31.4	47.0#



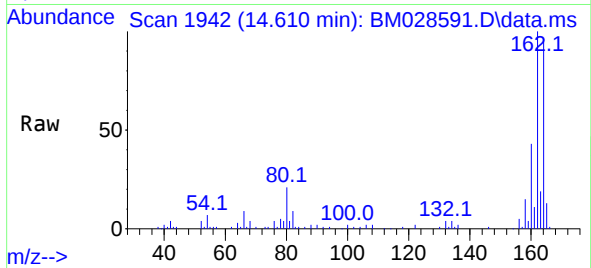
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.610 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20

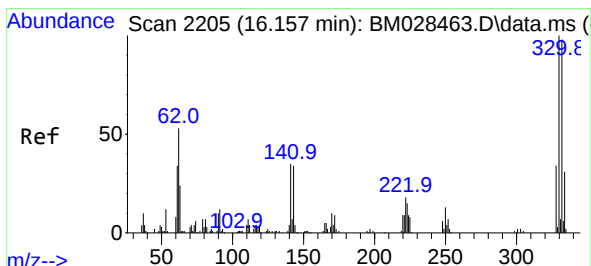
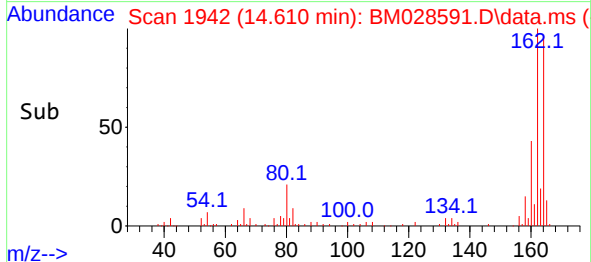
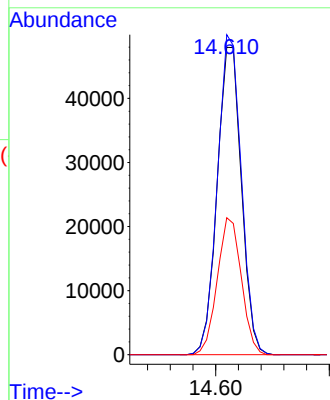


Tgt Ion:164 Resp: 71237
Ion Ratio Lower Upper
164 100
162 104.1 80.4 120.6
160 44.6 35.9 53.9

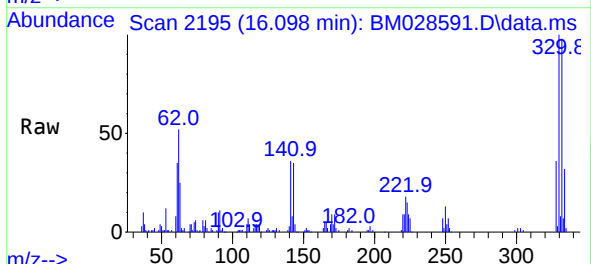
Instrument :
BNA_M
ClientSampled :
CRT-15

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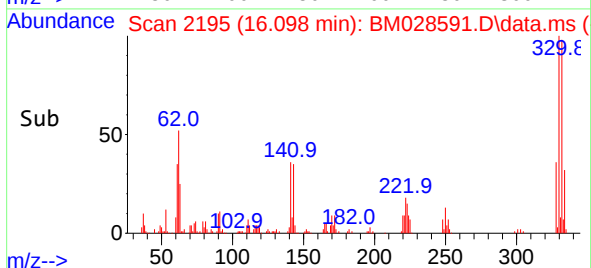
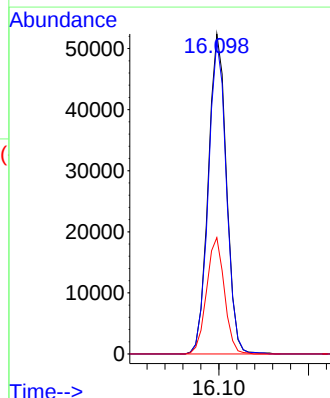
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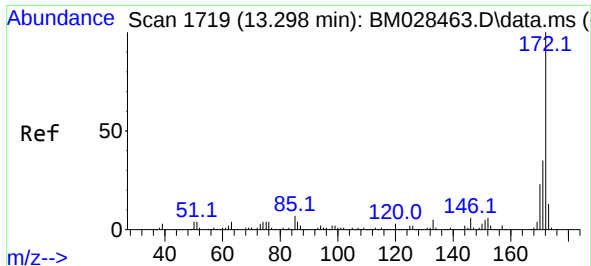


#42
2,4,6-Tribromophenol
Concen: 77.97 ng
RT: 16.098 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20



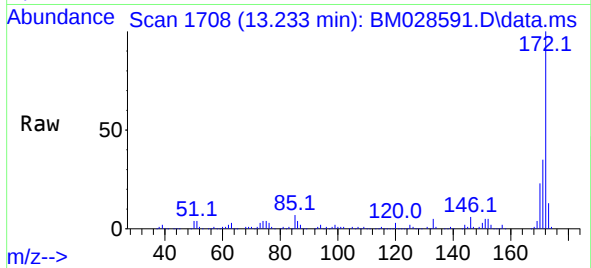
Tgt Ion:330 Resp: 73592
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.8
141 35.6 28.4 42.6





#45
2-Fluorobiphenyl
Concen: 43.59 ng
RT: 13.233 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20

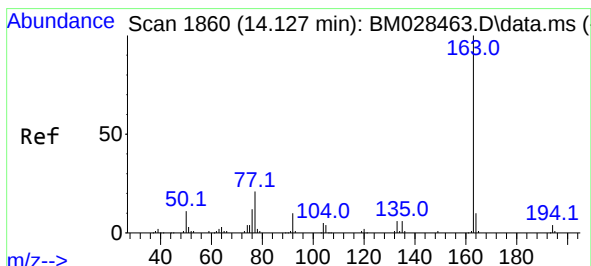
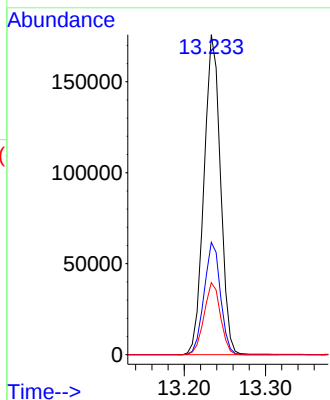
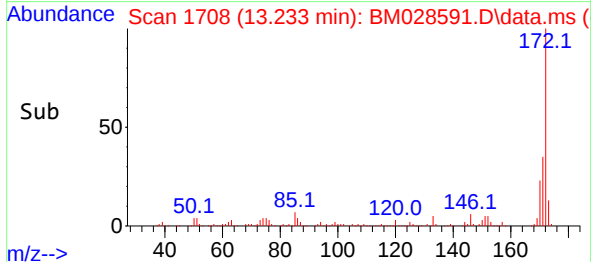
Instrument :
BNA_M
ClientSampleId :
CRT-15



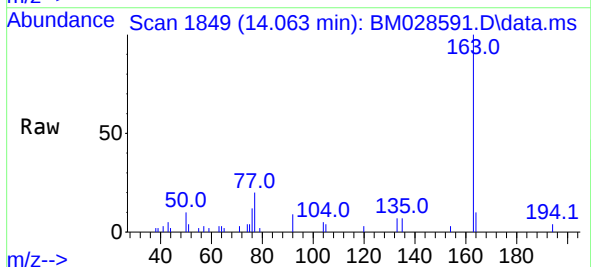
Tgt Ion:172 Resp: 247479
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.8
170 22.5 18.6 27.8

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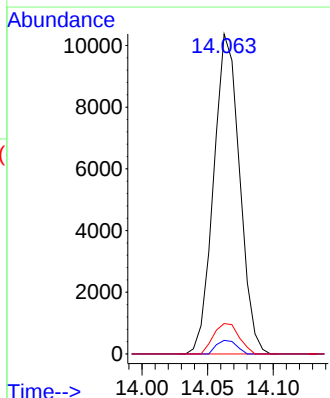
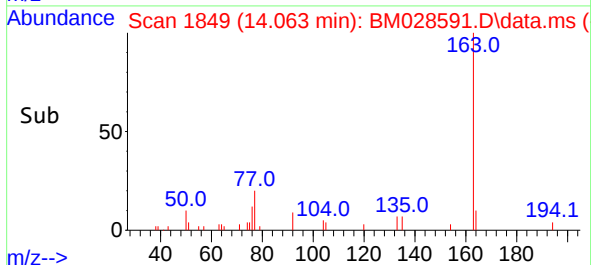
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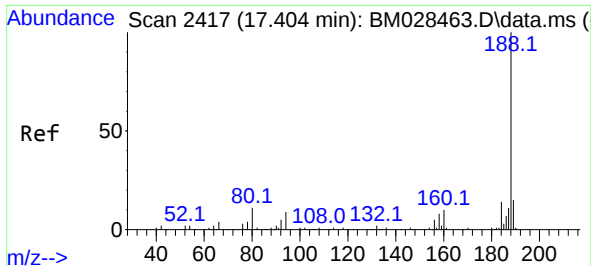


#50
Dimethylphthalate
Concen: 2.44 ng
RT: 14.063 min Scan# 1849
Delta R.T. -0.012 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20



Tgt Ion:163 Resp: 14269
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 9.5 8.1 12.1





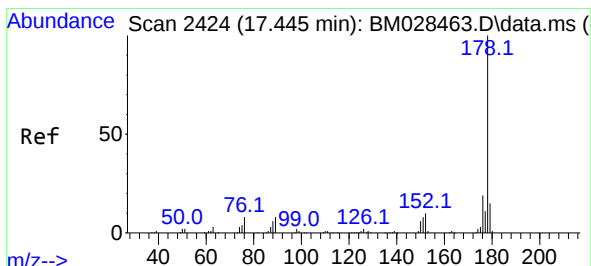
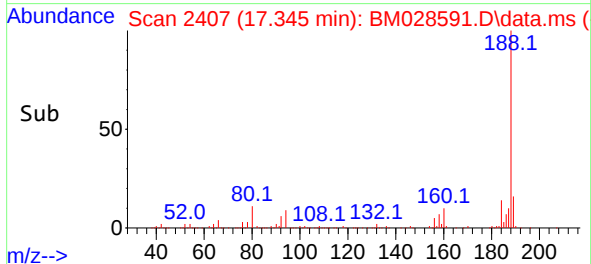
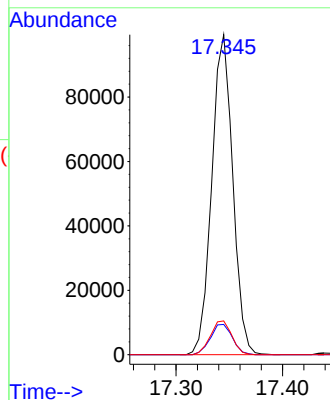
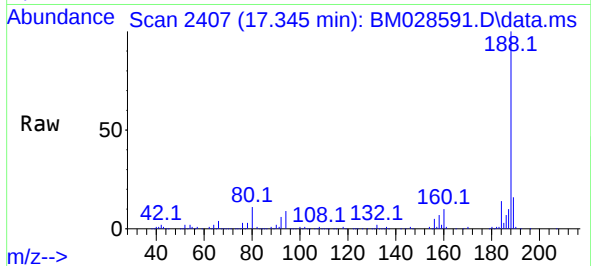
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.345 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20

Tgt Ion:188 Resp: 135985
Ion Ratio Lower Upper
188 100
94 9.5 6.2 9.4#
80 10.6 7.5 11.3

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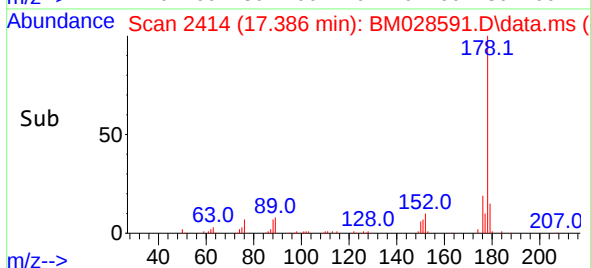
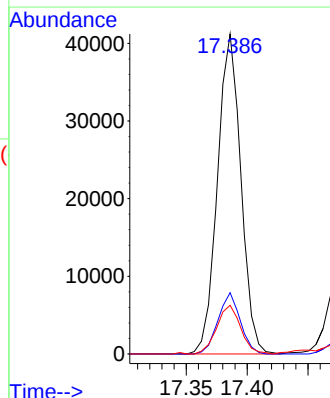
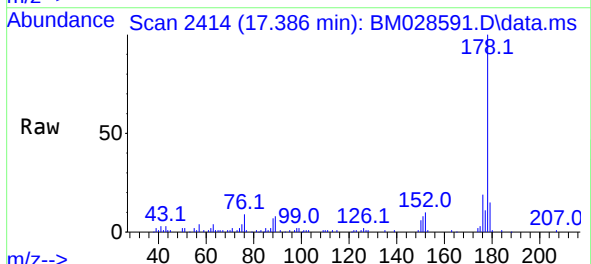
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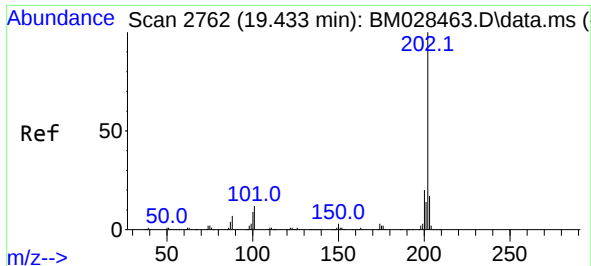
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#71
Phenanthrene
Concen: 6.59 ng
RT: 17.386 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20

Tgt Ion:178 Resp: 55137
Ion Ratio Lower Upper
178 100
176 19.2 15.0 22.6
179 15.2 12.2 18.4





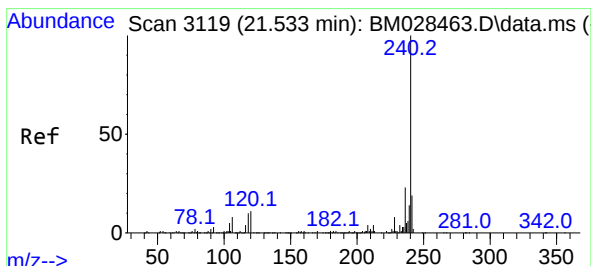
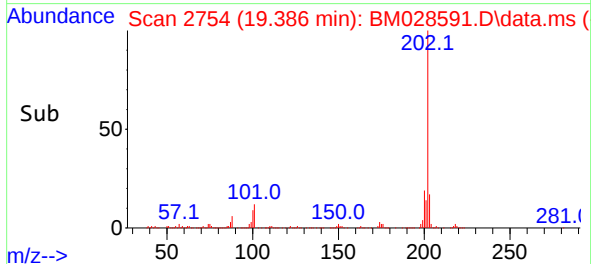
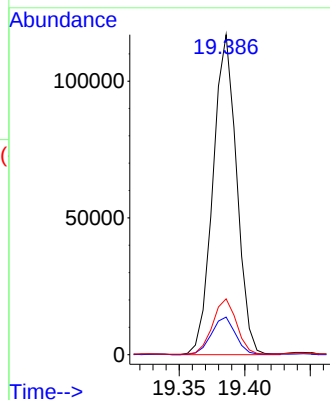
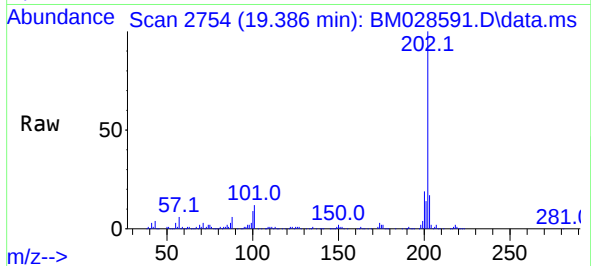
#75
Fluoranthene
Concen: 15.67 ng
RT: 19.386 min Scan# 2754
Delta R.T. -0.006 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20

Tgt Ion:	202	Resp:	147177
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	28.5
203	17.4	0.0	37.3

Instrument :
BNA_M
ClientSampleId :
CRT-15

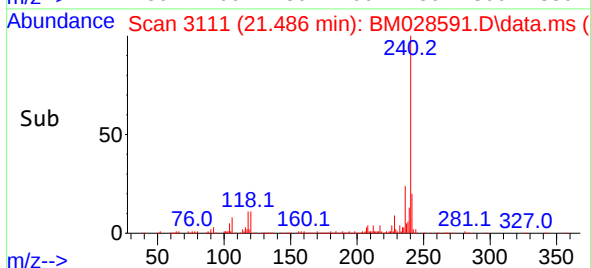
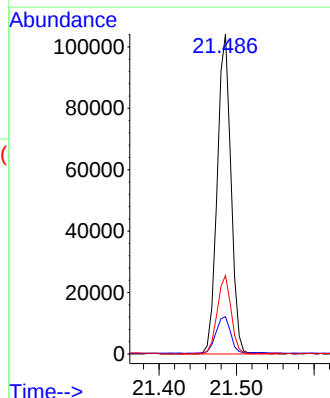
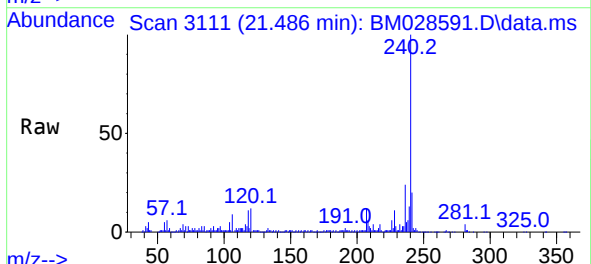
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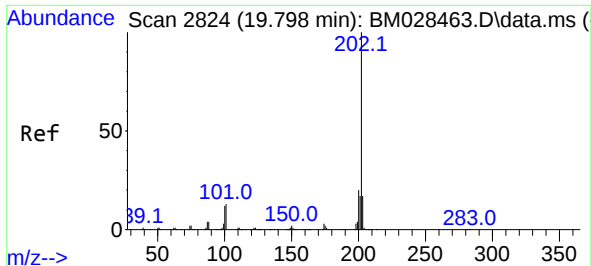
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.486 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20

Tgt Ion:	240	Resp:	128002
Ion Ratio	Lower	Upper	
240	100		
120	11.6	6.4	9.6#
236	24.5	20.1	30.1





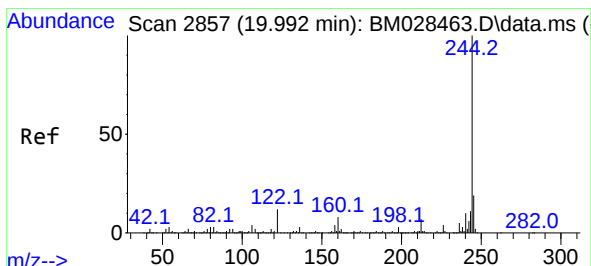
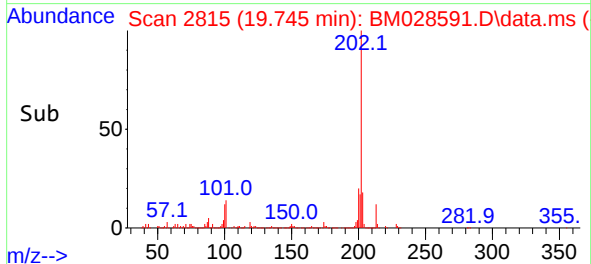
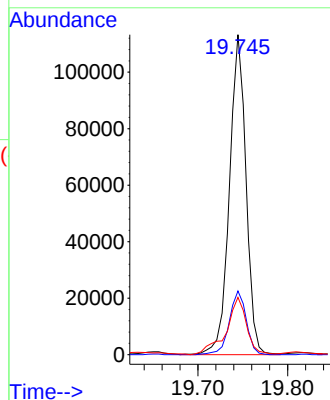
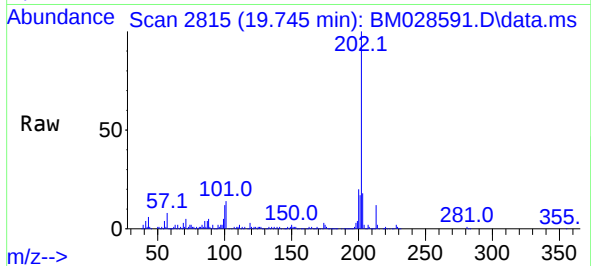
#78
Pyrene
Concen: 15.89 ng
RT: 19.745 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20

Tgt Ion:	202	Resp:	145841
Ion Ratio	Lower	Upper	
202	100		
200	19.9	16.6	24.8
203	17.9	13.8	20.6

Instrument :
BNA_M
ClientSampled :
CRT-15

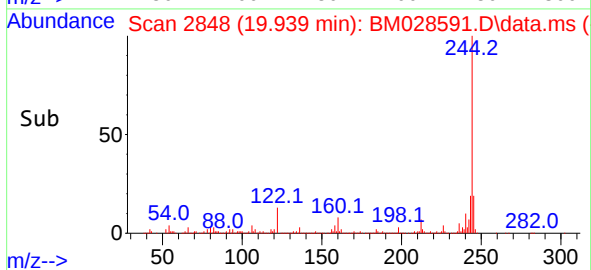
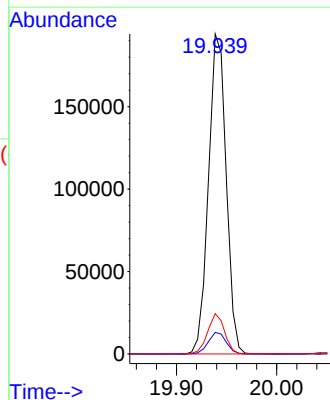
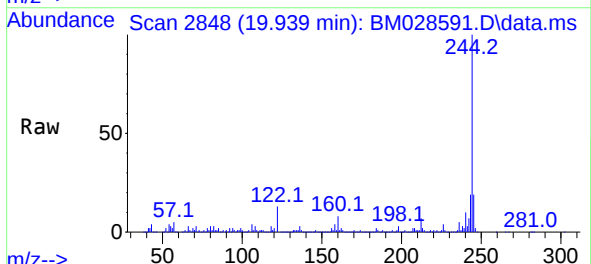
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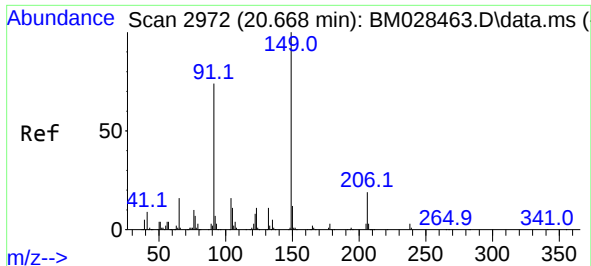
mohammad
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#79
Terphenyl-d14
Concen: 33.64 ng
RT: 19.939 min Scan# 2848
Delta R.T. -0.006 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20

Tgt Ion:	244	Resp:	238476
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.8	8.8
122	12.6	6.5	9.7#





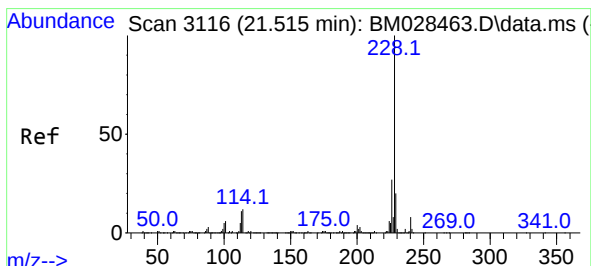
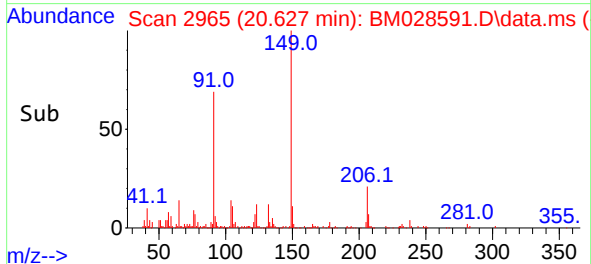
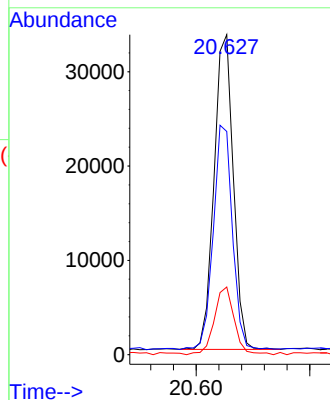
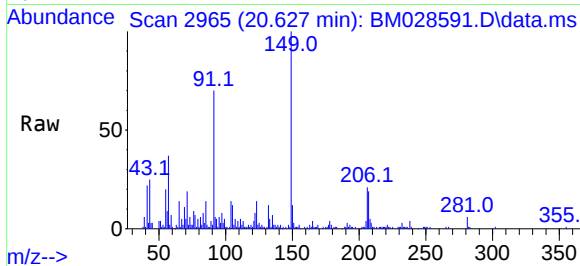
#80
Butylbenzylphthalate
Concen: 9.72 ng
RT: 20.627 min Scan# 2965
Delta R.T. -0.000 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20

Tgt Ion:149 Resp: 39336
Ion Ratio Lower Upper
149 100
91 69.7 58.1 87.1
206 21.1 18.7 28.1

Instrument :
BNA_M
ClientSampleId :
CRT-15

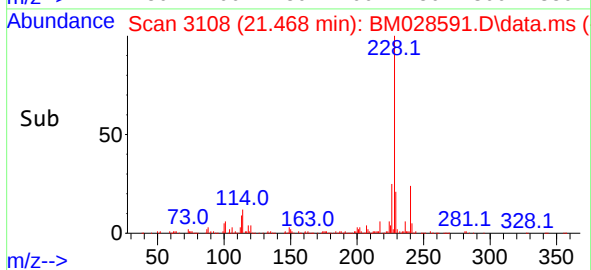
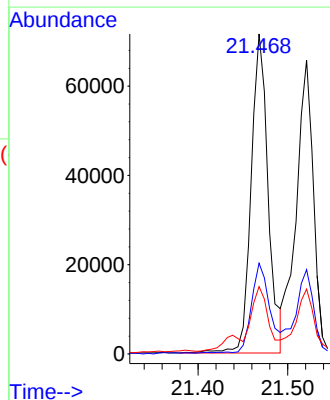
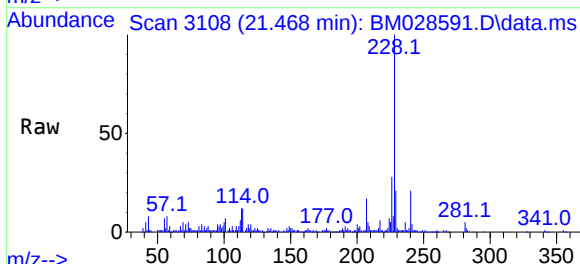
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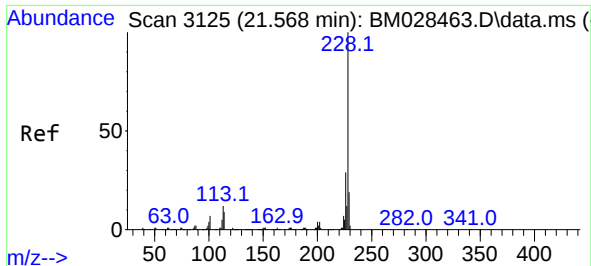
mohammad
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#81
Benzo(a)anthracene
Concen: 10.66 ng
RT: 21.468 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20

Tgt Ion:228 Resp: 94242
Ion Ratio Lower Upper
228 100
226 28.4 21.1 31.7
229 21.0 15.7 23.5





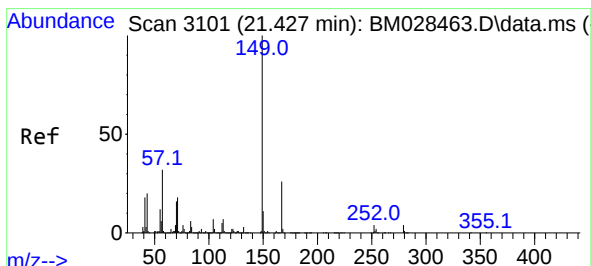
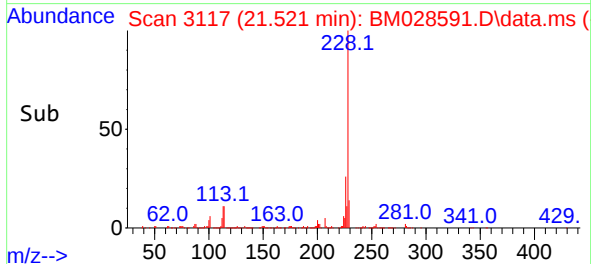
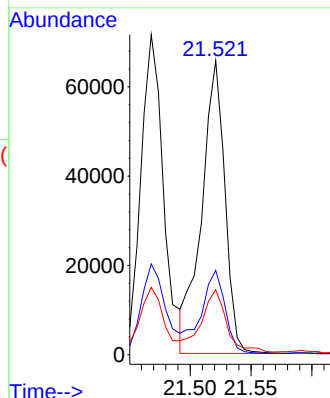
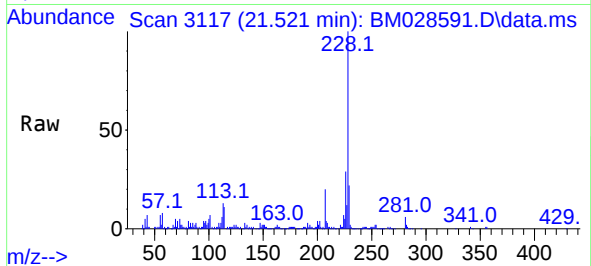
#83
Chrysene
Concen: 10.25 ng
RT: 21.521 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20

Tgt Ion:	228	Resp:	87437
Ion Ratio	Lower	Upper	
228	100		
226	28.7	23.4	35.0
229	22.1	15.7	23.5

Instrument :
BNA_M
ClientSampleId :
CRT-15

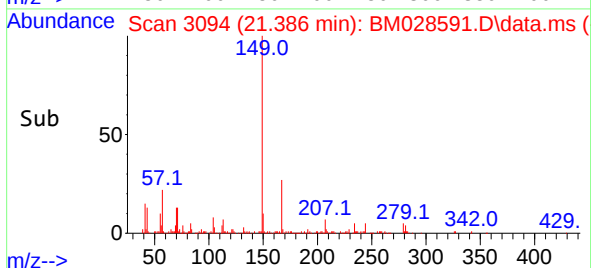
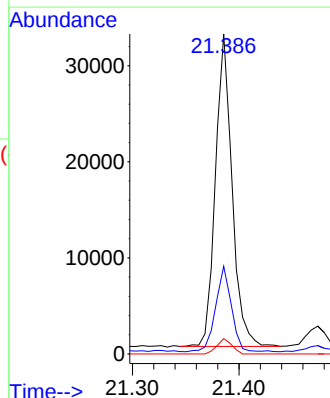
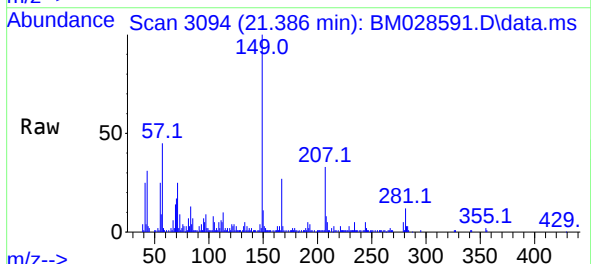
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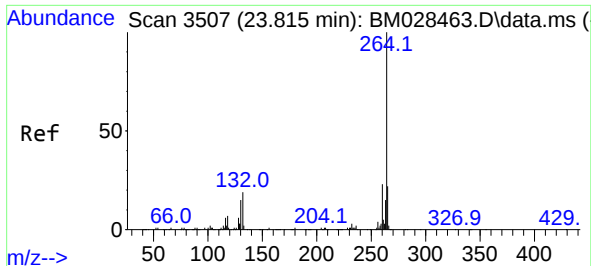
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#84
Bis(2-ethylhexyl)phthalate
Concen: 6.17 ng
RT: 21.386 min Scan# 3094
Delta R.T. -0.000 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20

Tgt Ion:	149	Resp:	35310
Ion Ratio	Lower	Upper	
149	100		
167	27.4	22.7	34.1
279	4.8	4.0	6.0





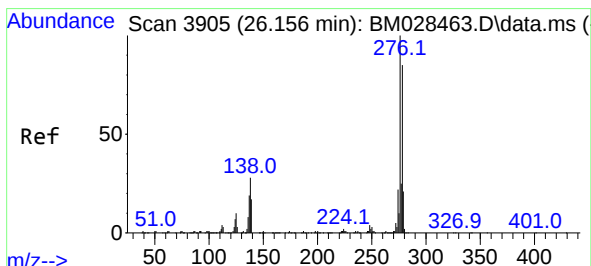
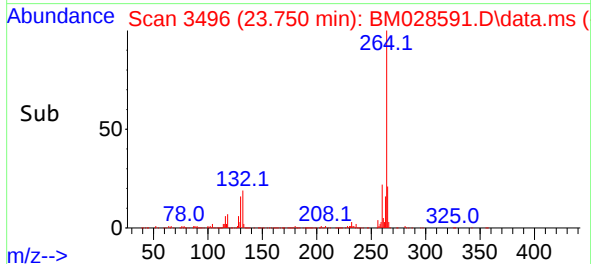
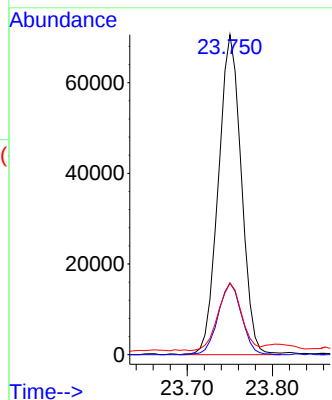
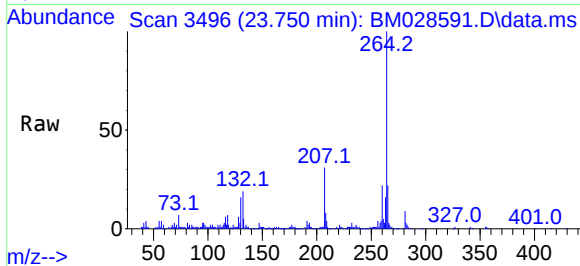
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.750 min Scan# 3496
Delta R.T. -0.000 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20

Instrument :
BNA_M
ClientSampled :
CRT-15

Tgt Ion:264 Resp: 132208
Ion Ratio Lower Upper
264 100
260 22.4 19.0 28.4
265 22.3 17.7 26.5

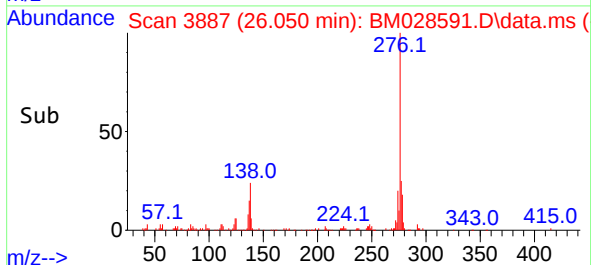
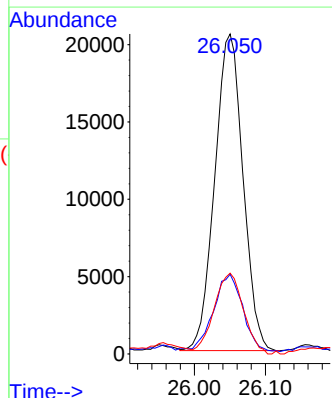
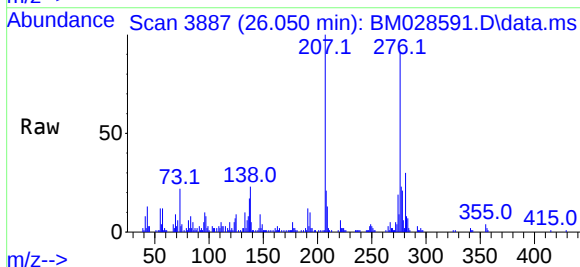
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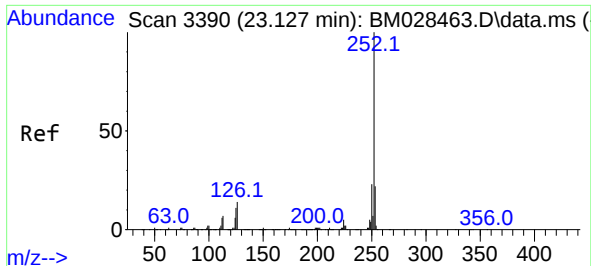
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#87
Indeno(1,2,3-cd)pyrene
Concen: 5.73 ng
RT: 26.050 min Scan# 3887
Delta R.T. -0.018 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20

Tgt Ion:276 Resp: 56462
Ion Ratio Lower Upper
276 100
138 25.3 14.2 21.4#
277 26.6 19.8 29.8





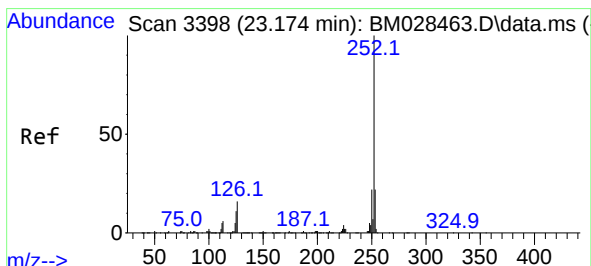
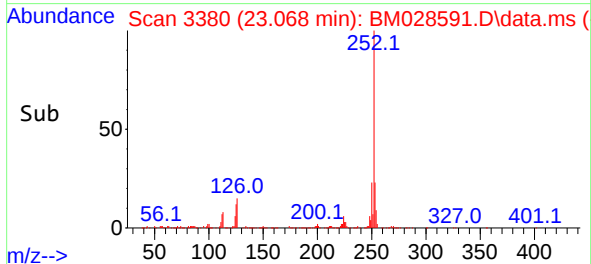
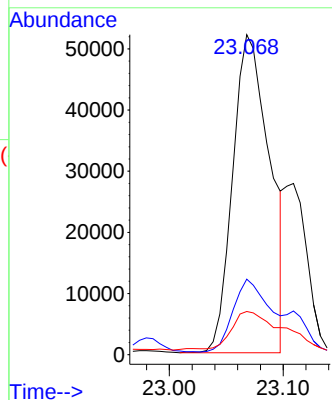
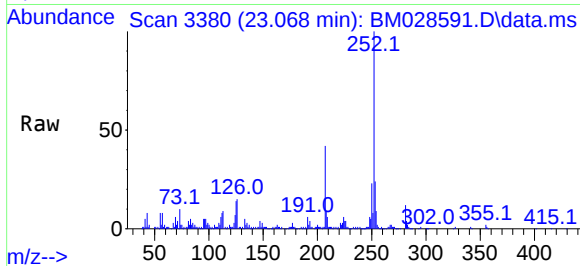
#88
Benzo(b)fluoranthene
Concen: 13.13 ng m
RT: 23.068 min Scan# 3380
Delta R.T. -0.006 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20

Tgt Ion:252 Resp: 117852
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.0
125 13.5 5.7 8.5#

Instrument :
BNA_M
ClientSampled :
CRT-15

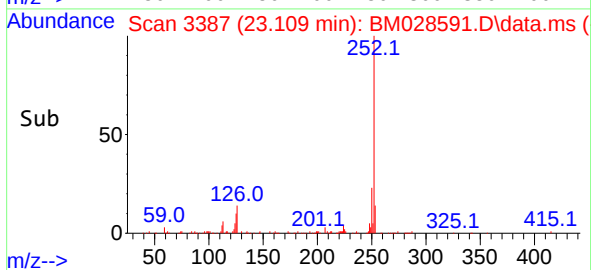
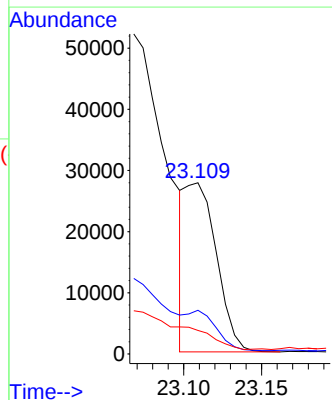
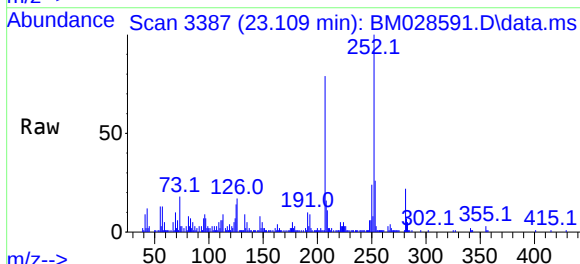
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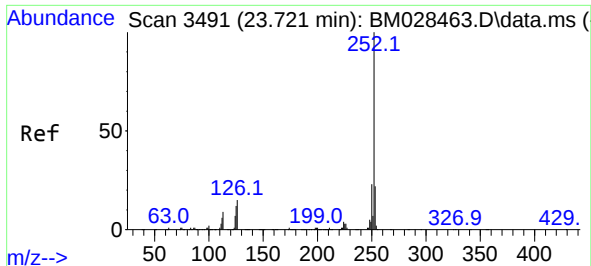
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#89
Benzo(k)fluoranthene
Concen: 4.32 ng m
RT: 23.109 min Scan# 3387
Delta R.T. -0.006 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20

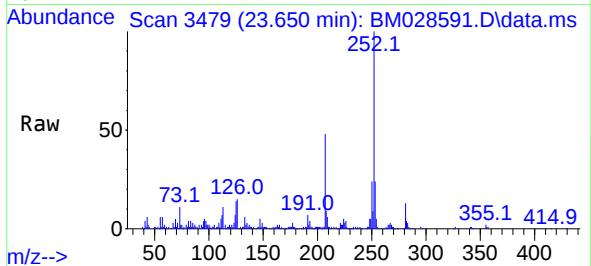
Tgt Ion:252 Resp: 37879
Ion Ratio Lower Upper
252 100
253 25.5 17.4 26.0
125 13.8 5.6 8.4#





#90
Benzo(a)pyrene
Concen: 10.17 ng
RT: 23.650 min Scan# 3479
Delta R.T. -0.006 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20

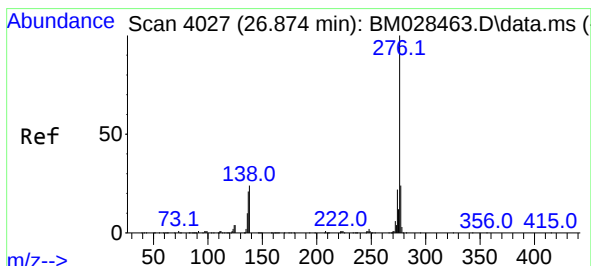
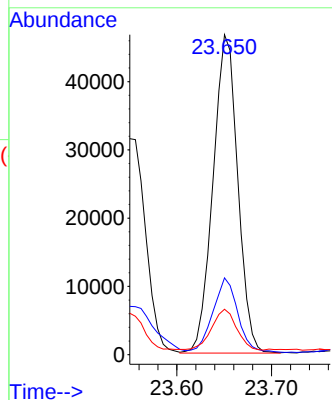
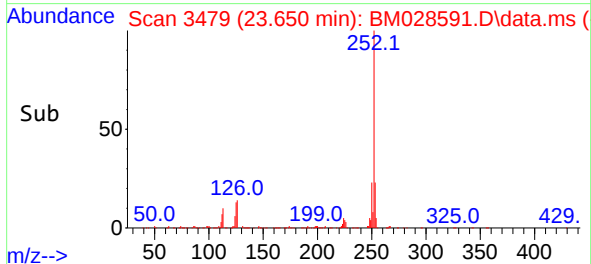
Instrument :
BNA_M
ClientSampled :
CRT-15



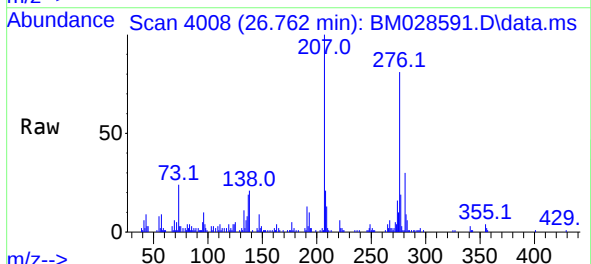
Tgt Ion:252 Resp: 84576
Ion Ratio Lower Upper
252 100
253 24.0 17.4 26.2
125 14.2 6.6 9.8#

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#92
Benzo(g,h,i)perylene
Concen: 6.90 ng
RT: 26.762 min Scan# 4008
Delta R.T. -0.012 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20



Tgt Ion:276 Resp: 55317
Ion Ratio Lower Upper
276 100
277 23.9 18.6 28.0
138 25.6 12.2 18.2#

