

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082021\
 Data File : BM031862.D
 Acq On : 21 Aug 2021 03:43
 Operator : CG/JU
 Sample : M3394-16DL 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SWCS-02-0205DL

Quant Time: Aug 21 06:27:31 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 18 14:13:35 2021
 Response via : Initial Calibration

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

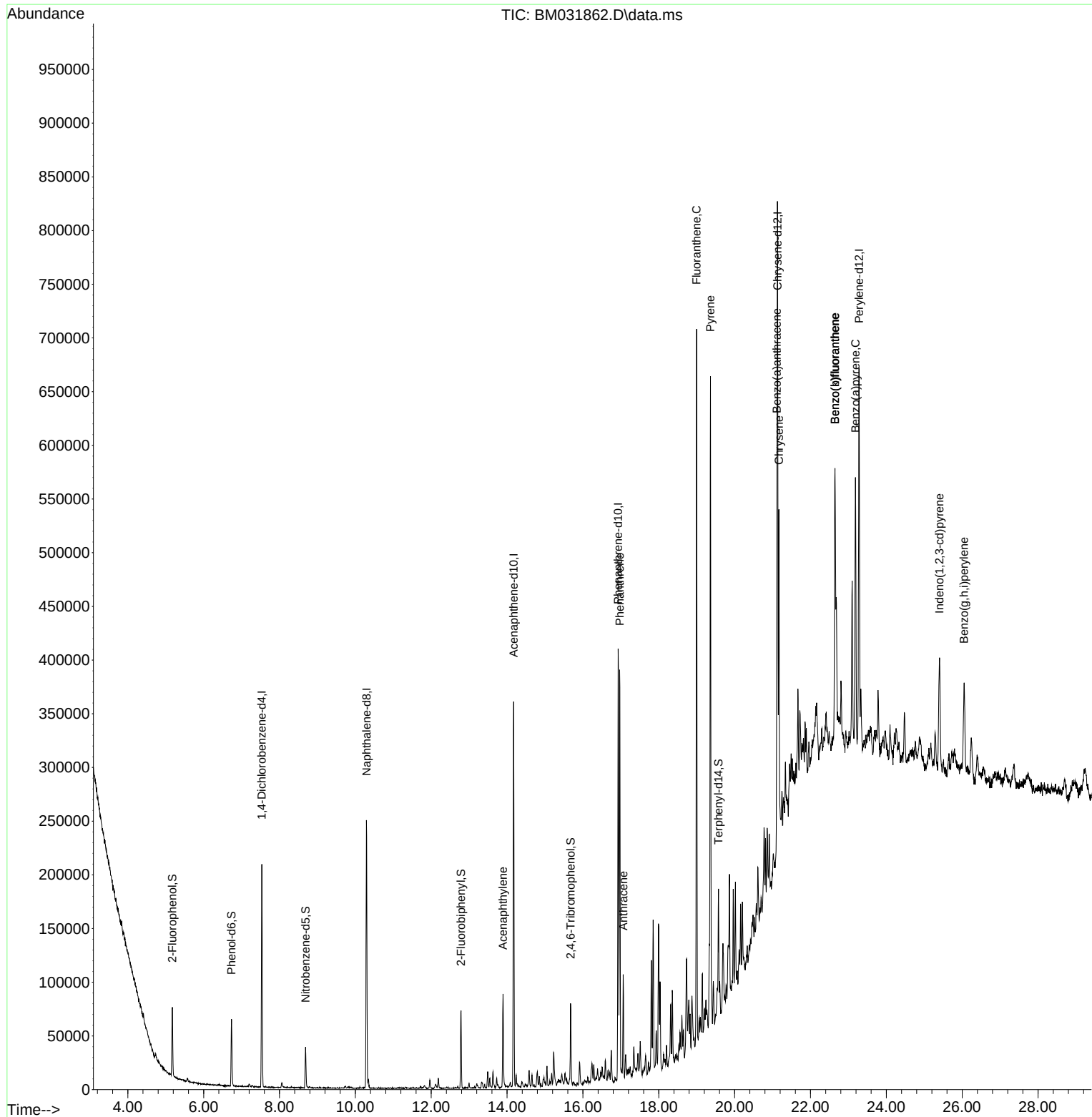
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.534	152	46183	20.000	ng	0.00
21) Naphthalene-d8	10.293	136	184776	20.000	ng	# 0.00
39) Acenaphthene-d10	14.175	164	107467	20.000	ng	0.00
64) Phenanthrene-d10	16.927	188	213201	20.000	ng	0.00
76) Chrysene-d12	21.133	240	196560	20.000	ng	0.00
86) Perylene-d12	23.280	264	201603	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	24306	8.447	ng	0.00
7) Phenol-d6	6.734	99	28941	6.941	ng	0.00
23) Nitrobenzene-d5	8.687	82	20364	4.615	ng	0.00
42) 2,4,6-Tribromophenol	15.675	330	7706	5.822	ng	0.00
45) 2-Fluorobiphenyl	12.787	172	33474	4.146	ng	0.00
79) Terphenyl-d14	19.574	244	41155	3.528	ng	0.00
Target Compounds						
						Qvalue
49) Acenaphthylene	13.892	152	61234	5.634	ng	97
71) Phenanthrene	16.969	178	202883	15.603	ng	99
72) Anthracene	17.063	178	52530	4.121	ng	99
75) Fluoranthene	18.998	202	328815	21.112	ng	99
78) Pyrene	19.363	202	331548	23.284	ng	99
81) Benzo(a)anthracene	21.115	228	142731	9.914	ng	95
83) Chrysene	21.168	228	150875	10.751	ng	97
87) Indeno(1,2,3-cd)pyrene	25.403	276	87278	6.143	ng	97
88) Benzo(b)fluoranthene	22.645	252	234199	15.472	ng	# 96
89) Benzo(k)fluoranthene	22.645	252	234199	16.030	ng	# 95
90) Benzo(a)pyrene	23.186	252	128738	9.606	ng	# 96
92) Benzo(g,h,i)perylene	26.044	276	85803	7.541	ng	# 94

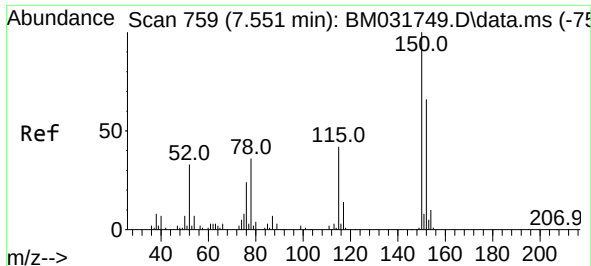
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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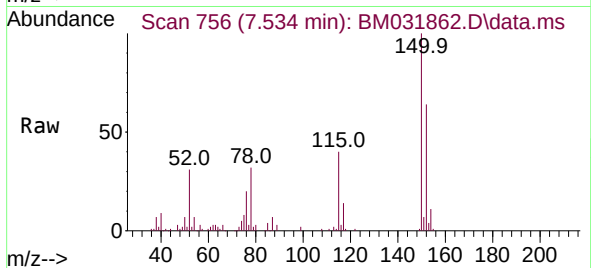
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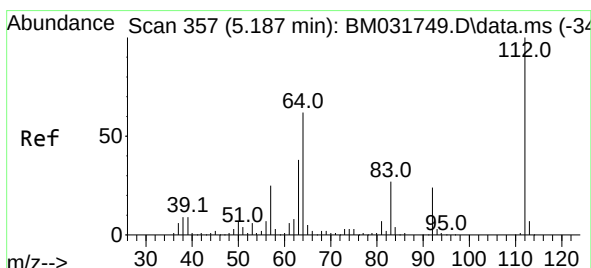
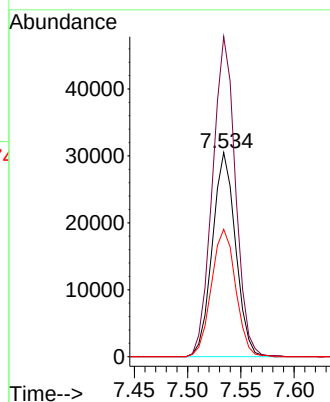
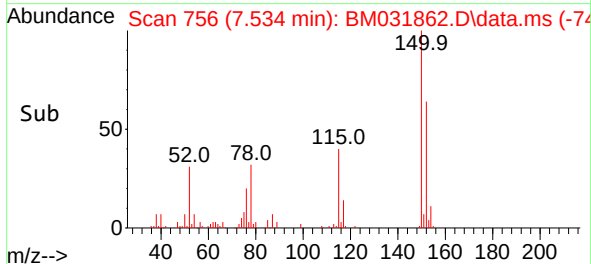


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BM031862.D
Acq: 21 Aug 2021 03:43

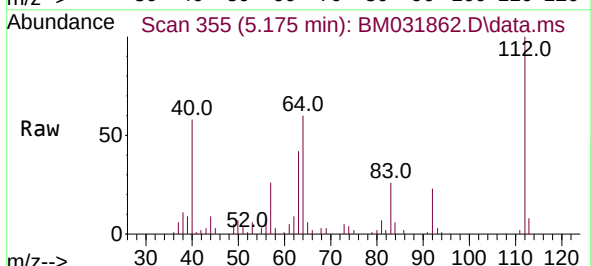
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ClientSampleId :
SWCS-02-0205DL



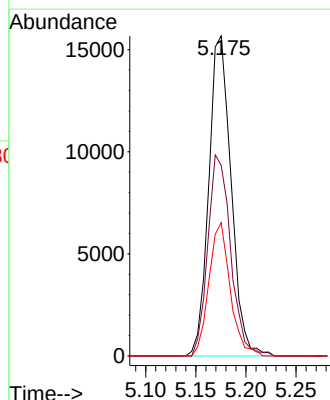
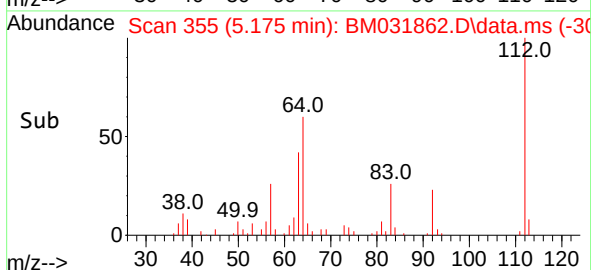
Tgt Ion:152 Resp: 46183
Ion Ratio Lower Upper
152 100
150 156.7 125.9 188.9
115 62.3 44.6 67.0

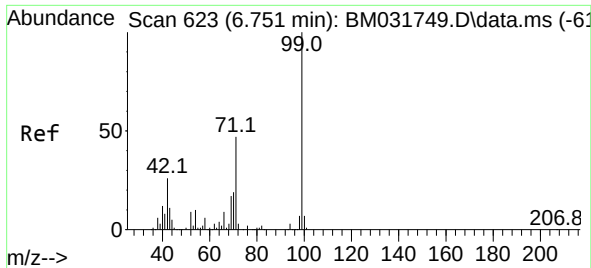


#5
2-Fluorophenol
Concen: 8.447 ng
RT: 5.175 min Scan# 355
Delta R.T. 0.000 min
Lab File: BM031862.D
Acq: 21 Aug 2021 03:43



Tgt Ion:112 Resp: 24306
Ion Ratio Lower Upper
112 100
64 59.6 47.1 70.7
63 41.6 27.3 40.9#

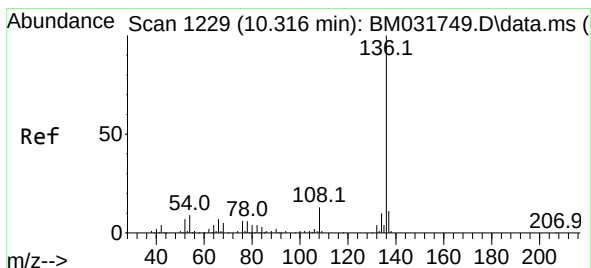
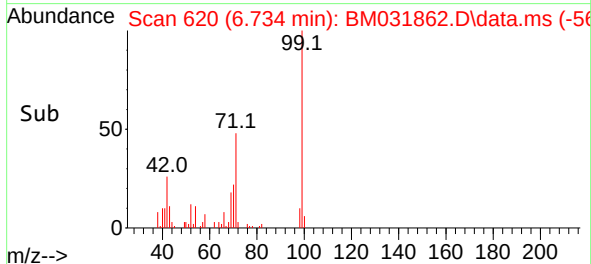
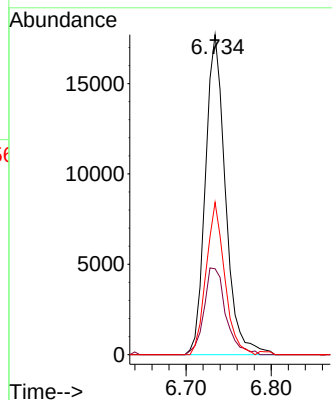
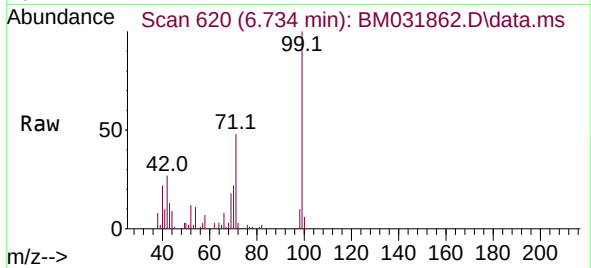




#7
Phenol-d6
Concen: 6.941 ng
RT: 6.734 min Scan# 620
Delta R.T. 0.000 min
Lab File: BM031862.D
Acq: 21 Aug 2021 03:43

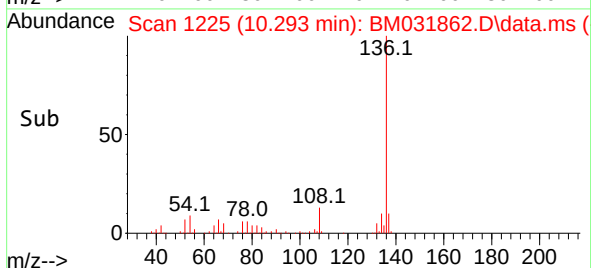
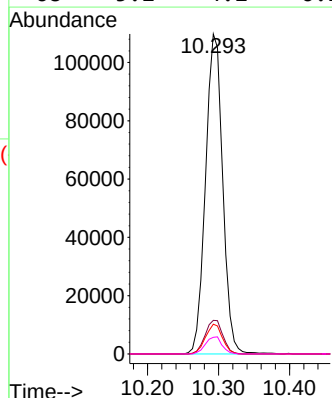
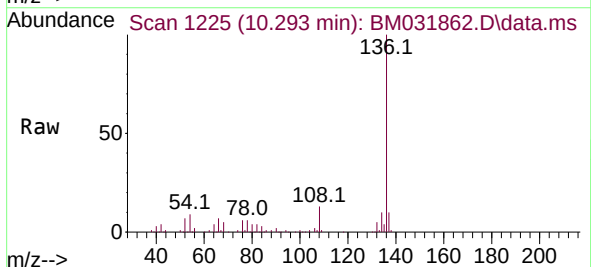
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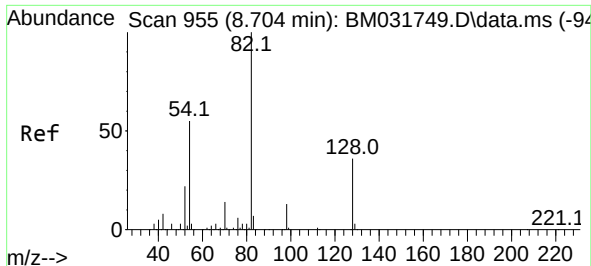
Tgt Ion: 99	Resp: 28941
Ion Ratio	Lower Upper
99 100	
42 26.8	18.0 27.0
71 47.6	30.9 46.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.293 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BM031862.D
Acq: 21 Aug 2021 03:43

Tgt Ion: 136	Resp: 184776
Ion Ratio	Lower Upper
136 100	
137 10.5	8.4 12.6
54 9.3	5.5 8.3#
68 5.2	4.2 6.2

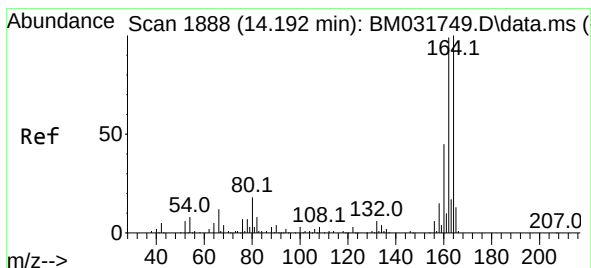
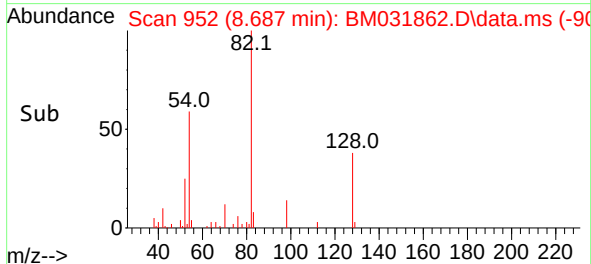
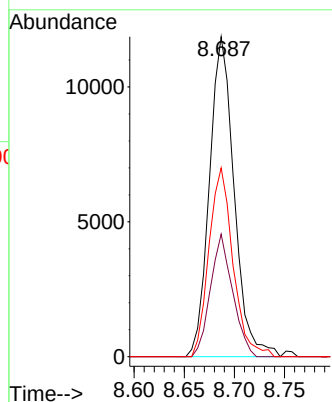
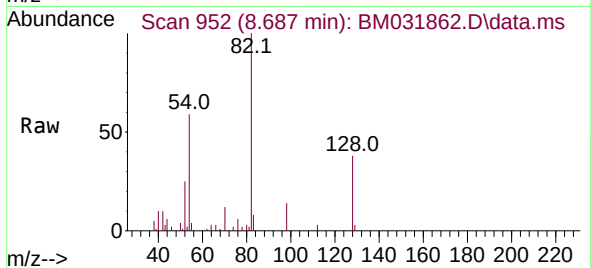




#23
Nitrobenzene-d5
Concen: 4.615 ng
RT: 8.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BM031862.D
Acq: 21 Aug 2021 03:43

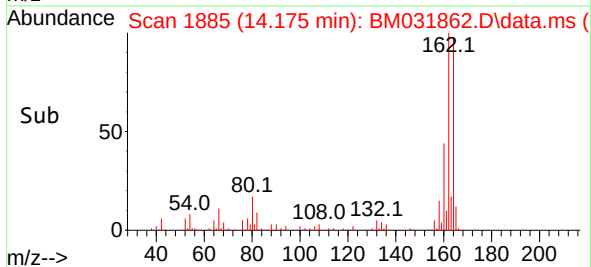
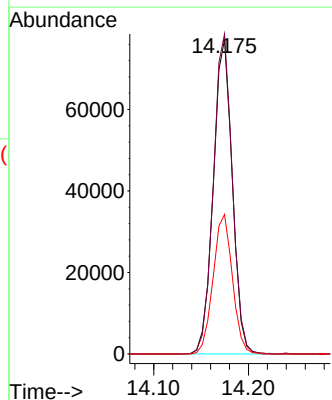
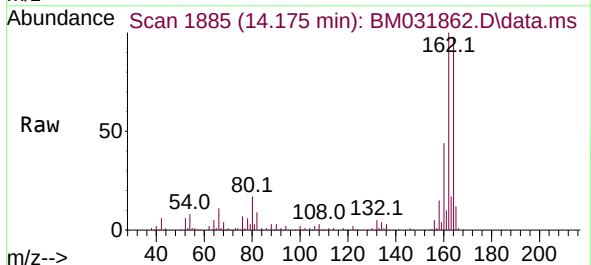
Instrument :
BNA_M
ClientSampleId :
SWCS-02-0205DL

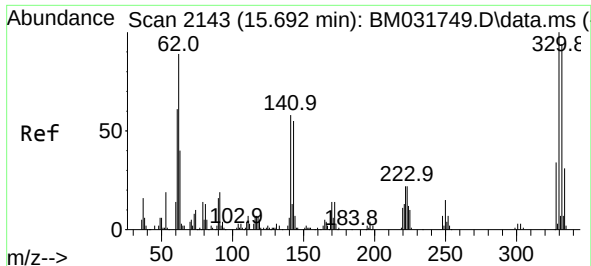
Tgt Ion:	82	Resp:	20364
Ion Ratio	Lower	Upper	
82	100		
128	38.3	31.1	46.7
54	59.0	37.3	55.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.175 min Scan# 1885
Delta R.T. -0.006 min
Lab File: BM031862.D
Acq: 21 Aug 2021 03:43

Tgt Ion:	164	Resp:	107467
Ion Ratio	Lower	Upper	
164	100		
162	101.8	83.4	125.0
160	44.4	37.2	55.8

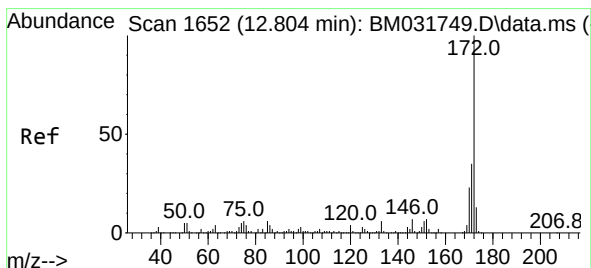
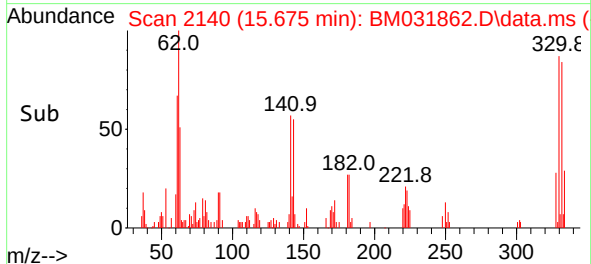
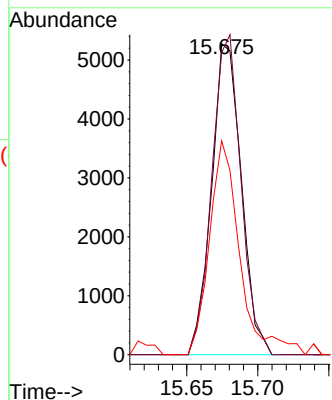
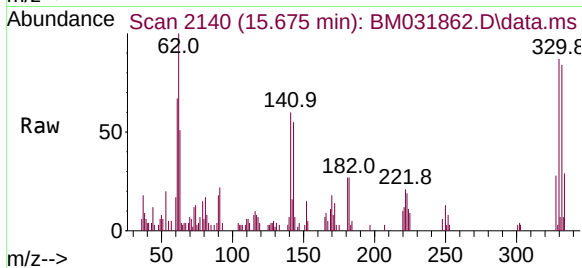




#42
2,4,6-Tribromophenol
Concen: 5.822 ng
RT: 15.675 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BM031862.D
Acq: 21 Aug 2021 03:43

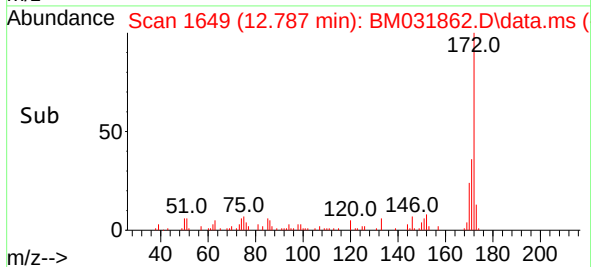
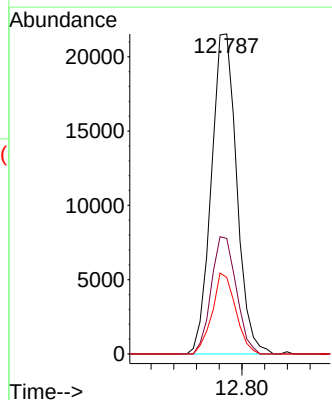
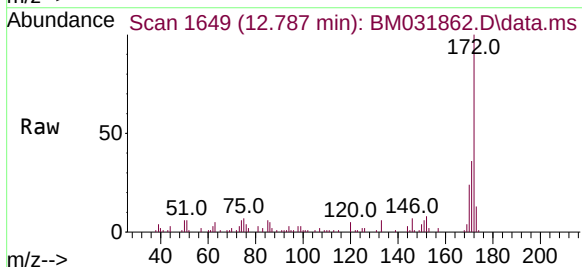
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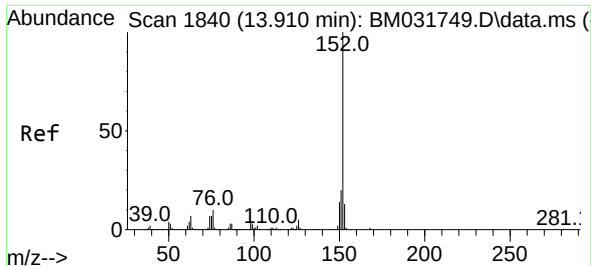
Tgt Ion:330 Resp: 7706
Ion Ratio Lower Upper
330 100
332 100.2 77.0 115.4
141 70.7 30.2 45.2#



#45
2-Fluorobiphenyl
Concen: 4.146 ng
RT: 12.787 min Scan# 1649
Delta R.T. -0.006 min
Lab File: BM031862.D
Acq: 21 Aug 2021 03:43

Tgt Ion:172 Resp: 33474
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 23.9 18.4 27.6

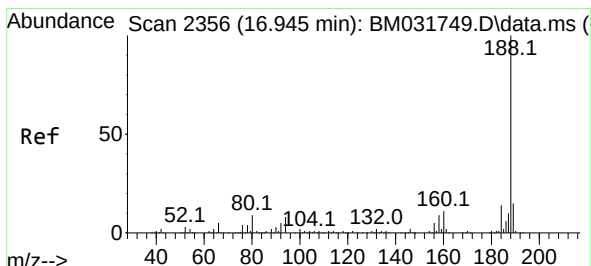
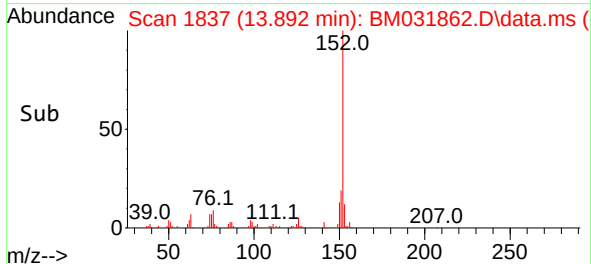
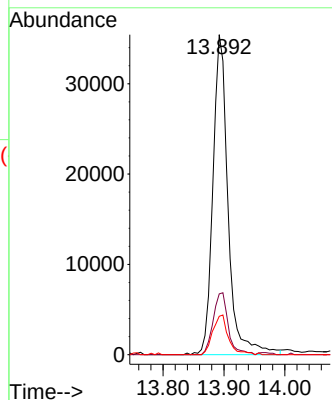
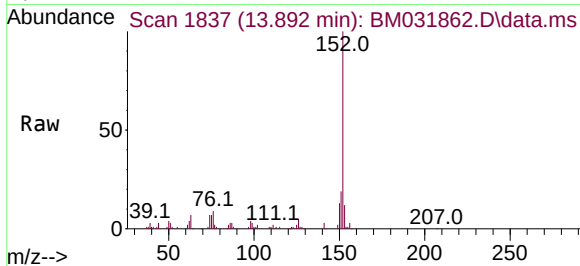




#49
Acenaphthylene
Concen: 5.634 ng
RT: 13.892 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BM031862.D
Acq: 21 Aug 2021 03:43

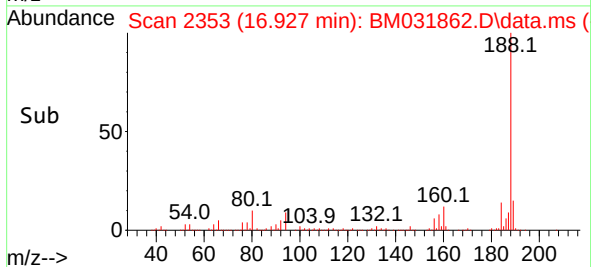
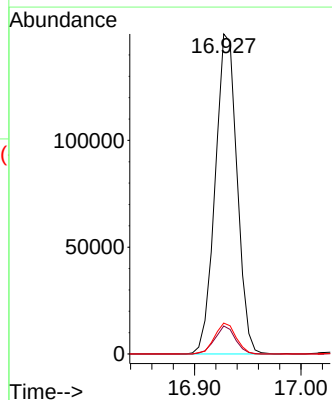
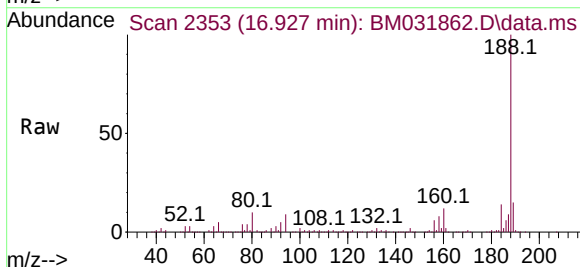
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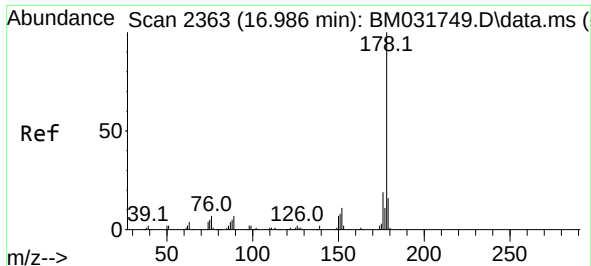
Tgt Ion:152	Resp: 61234
Ion Ratio	Lower Upper
152 100	
151 19.0	16.3 24.5
153 12.0	10.2 15.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.927 min Scan# 2353
Delta R.T. -0.006 min
Lab File: BM031862.D
Acq: 21 Aug 2021 03:43

Tgt Ion:188	Resp: 213201
Ion Ratio	Lower Upper
188 100	
94 8.8	6.0 9.0
80 9.7	6.6 9.8

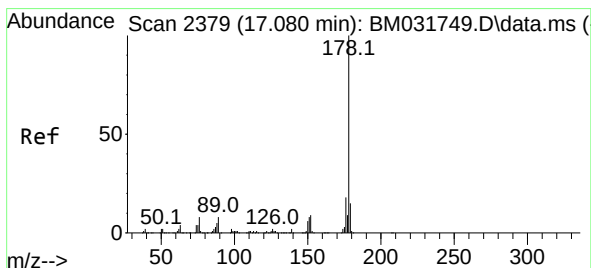
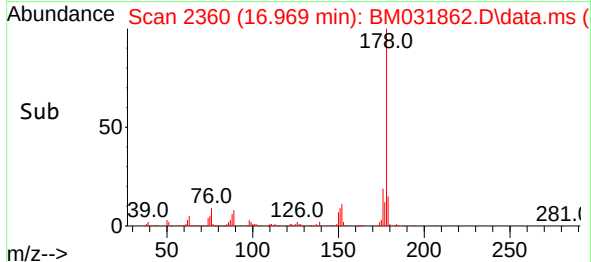
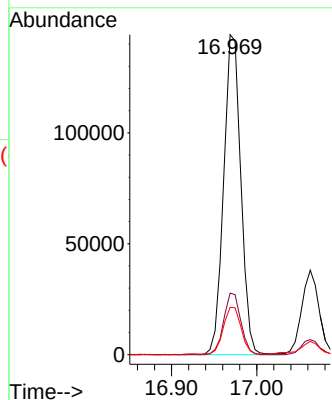
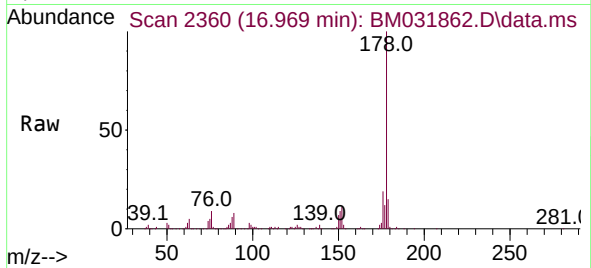




#71
Phenanthrene
Concen: 15.603 ng
RT: 16.969 min Scan# 2360
Delta R.T. -0.006 min
Lab File: BM031862.D
Acq: 21 Aug 2021 03:43

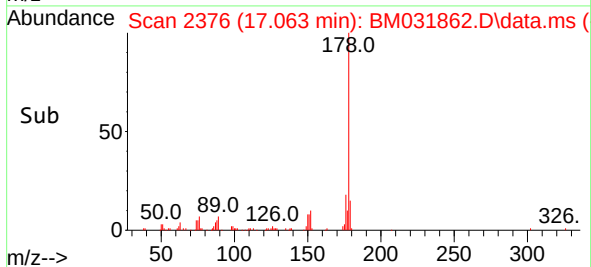
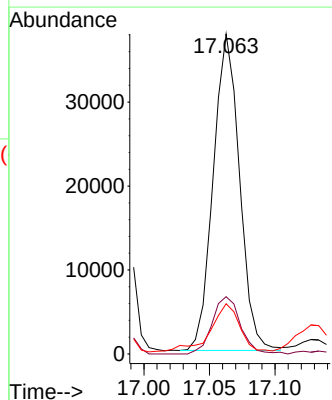
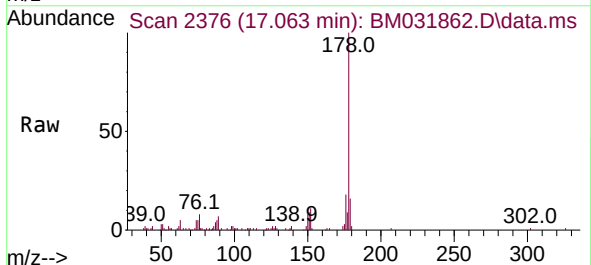
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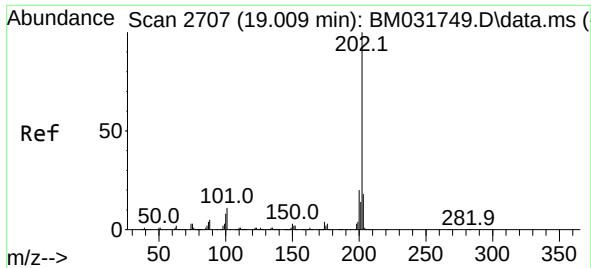
Tgt Ion:178 Resp: 202883
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 14.8 12.2 18.4



#72
Anthracene
Concen: 4.121 ng
RT: 17.063 min Scan# 2376
Delta R.T. -0.006 min
Lab File: BM031862.D
Acq: 21 Aug 2021 03:43

Tgt Ion:178 Resp: 52530
Ion Ratio Lower Upper
178 100
176 17.9 15.0 22.4
179 15.7 12.5 18.7

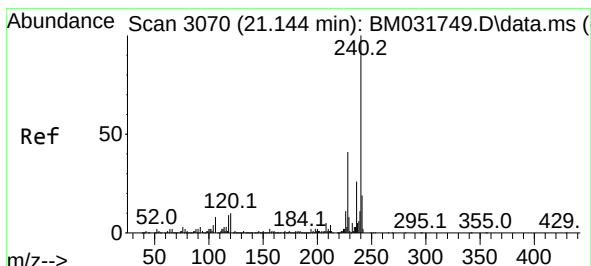
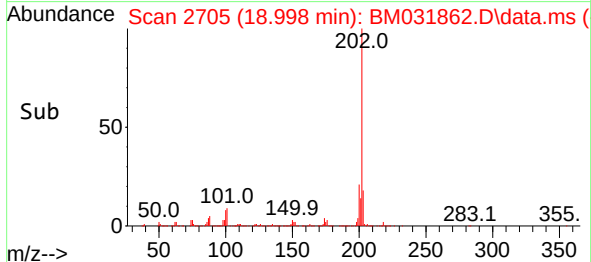
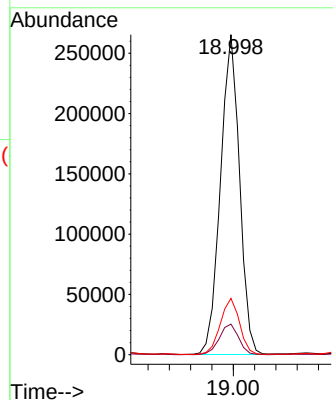
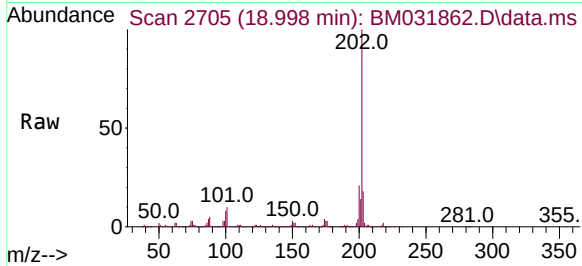




#75
Fluoranthene
Concen: 21.112 ng
RT: 18.998 min Scan# 2705
Delta R.T. 0.000 min
Lab File: BM031862.D
Acq: 21 Aug 2021 03:43

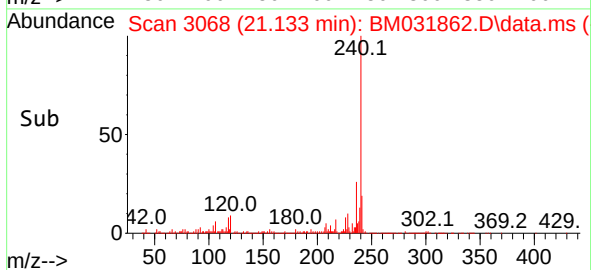
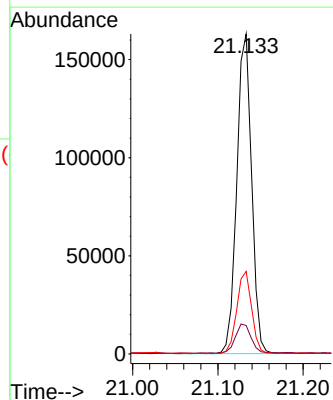
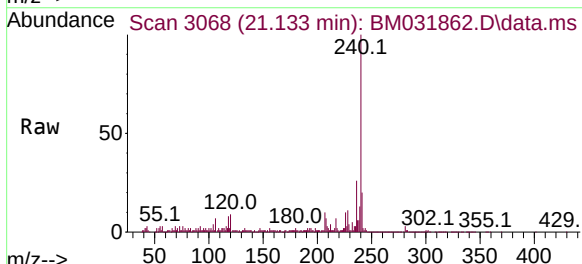
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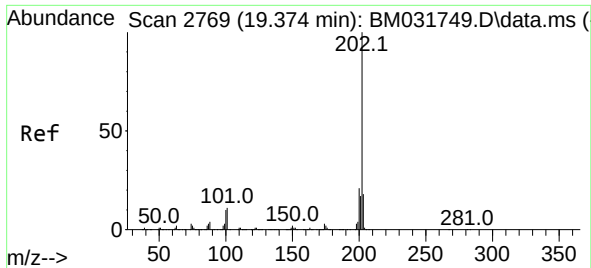
Tgt Ion:202	Resp:	328815
Ion Ratio	Lower	Upper
202	100	
101	9.5	0.0 28.6
203	17.6	0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.133 min Scan# 3068
Delta R.T. 0.000 min
Lab File: BM031862.D
Acq: 21 Aug 2021 03:43

Tgt Ion:240	Resp:	196560
Ion Ratio	Lower	Upper
240	100	
120	8.9	7.0 10.6
236	25.8	21.0 31.4

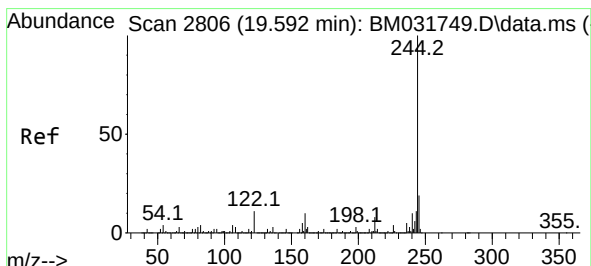
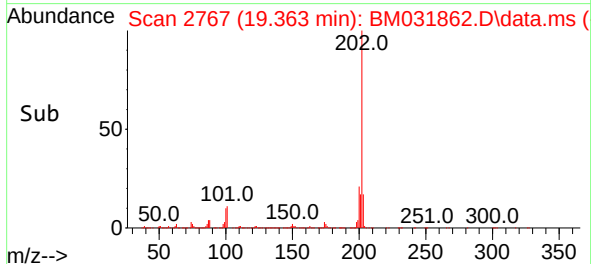
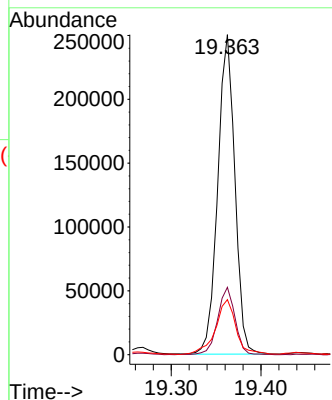
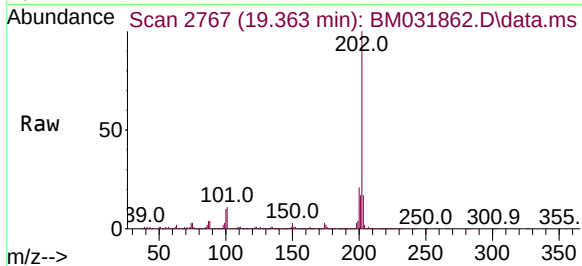




#78
Pyrene
Concen: 23.284 ng
RT: 19.363 min Scan# 2767
Delta R.T. 0.000 min
Lab File: BM031862.D
Acq: 21 Aug 2021 03:43

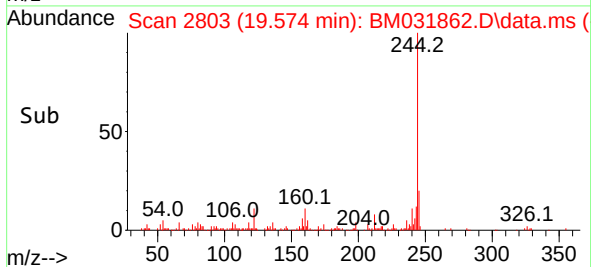
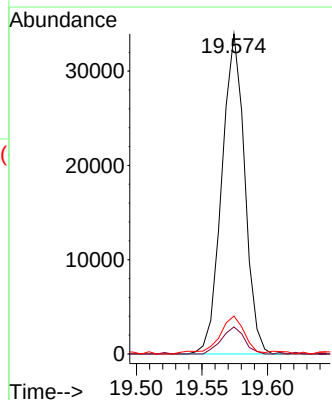
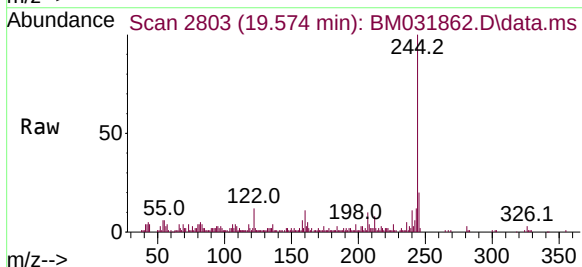
Instrument :
BNA_M
ClientSampleId :
SWCS-02-0205DL

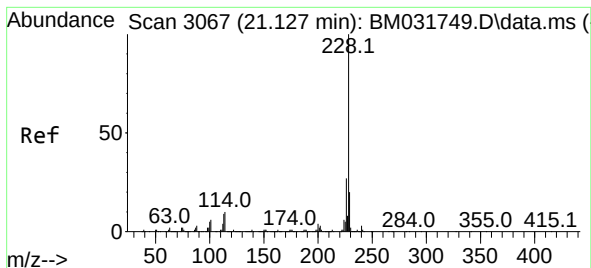
Tgt Ion:202 Resp: 331548
Ion Ratio Lower Upper
202 100
200 21.0 17.3 25.9
203 17.2 13.9 20.9



#79
Terphenyl-d14
Concen: 3.528 ng
RT: 19.574 min Scan# 2803
Delta R.T. -0.006 min
Lab File: BM031862.D
Acq: 21 Aug 2021 03:43

Tgt Ion:244 Resp: 41155
Ion Ratio Lower Upper
244 100
212 8.4 6.3 9.5
122 11.9 6.9 10.3#





#81

Benzo(a)anthracene

Concen: 9.914 ng

RT: 21.115 min Scan# 3065

Delta R.T. -0.006 min

Lab File: BM031862.D

Acq: 21 Aug 2021 03:43

Tgt Ion:228 Resp: 142731

Ion Ratio Lower Upper

228 100

226 30.8 22.3 33.5

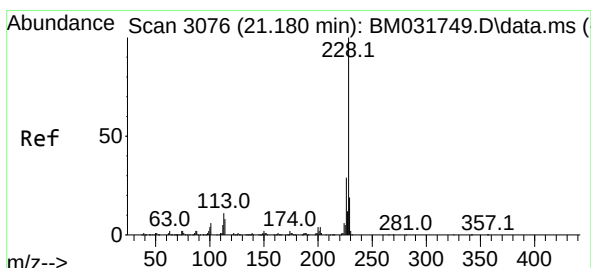
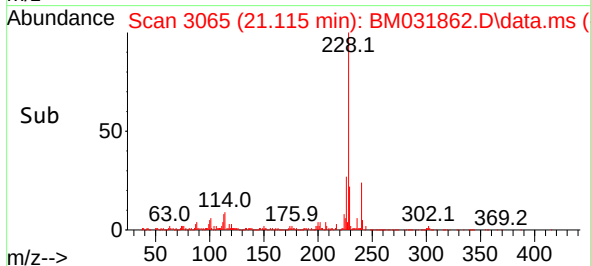
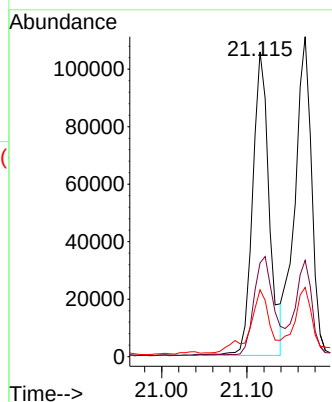
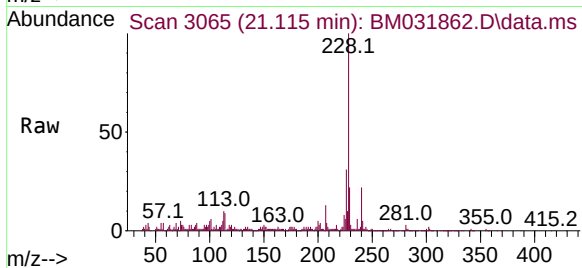
229 22.0 15.7 23.5

Instrument :

BNA_M

ClientSampleId :

SWCS-02-0205DL



#83

Chrysene

Concen: 10.751 ng

RT: 21.168 min Scan# 3074

Delta R.T. -0.006 min

Lab File: BM031862.D

Acq: 21 Aug 2021 03:43

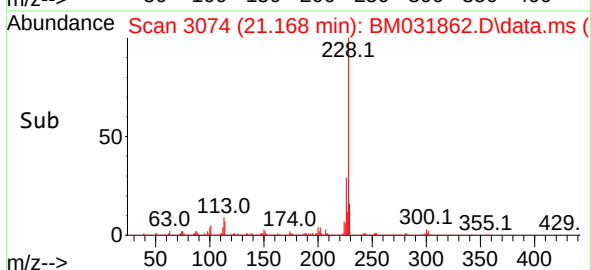
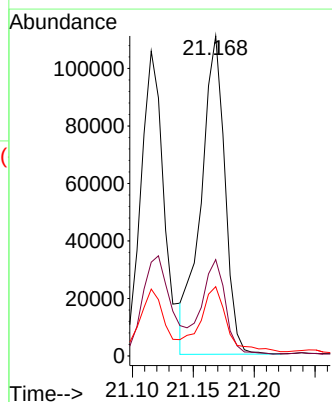
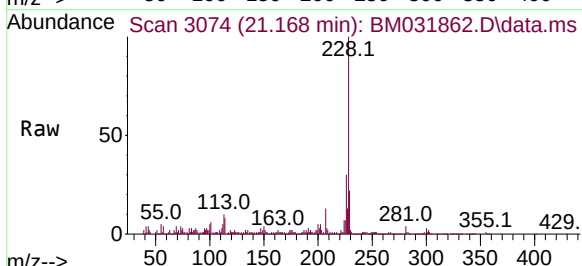
Tgt Ion:228 Resp: 150875

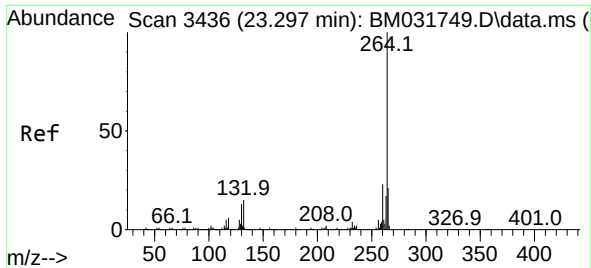
Ion Ratio Lower Upper

228 100

226 30.1 24.6 36.8

229 21.7 15.5 23.3

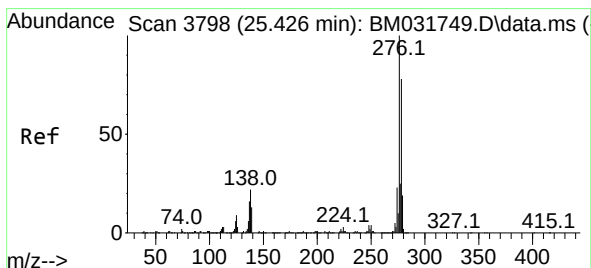
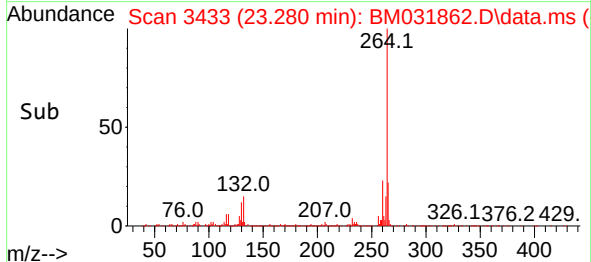
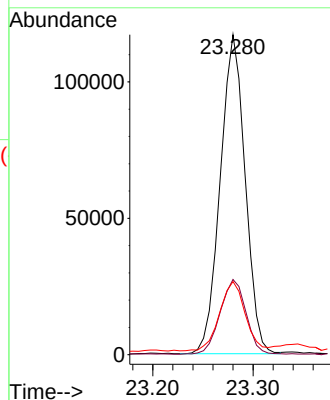
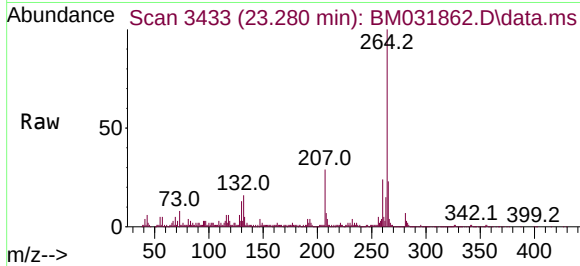




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.280 min Scan# 3433
 Delta R.T. 0.000 min
 Lab File: BM031862.D
 Acq: 21 Aug 2021 03:43

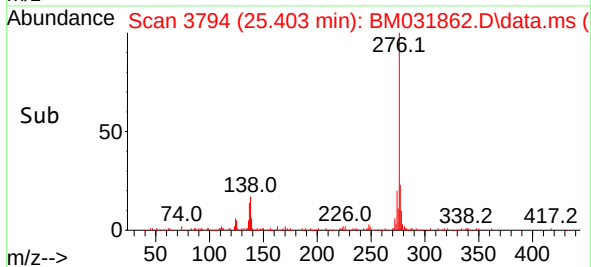
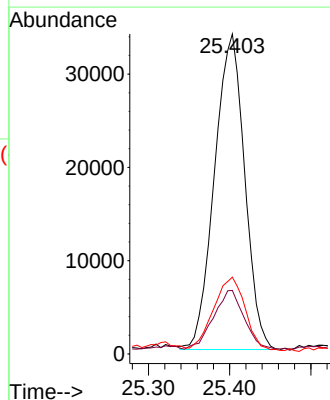
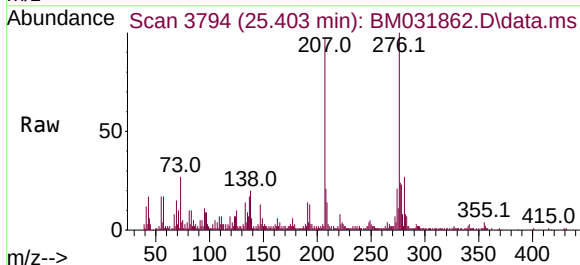
Instrument :
 BNA_M
 ClientSampleId :
 SWCS-02-0205DL

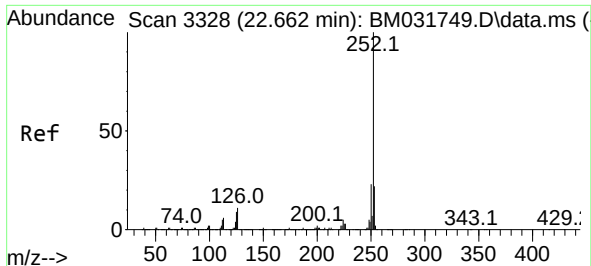
Tgt Ion:	264	Resp:	201603
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.8	29.8
265	22.8	17.7	26.5



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 6.143 ng
 RT: 25.403 min Scan# 3794
 Delta R.T. -0.006 min
 Lab File: BM031862.D
 Acq: 21 Aug 2021 03:43

Tgt Ion:	276	Resp:	87278
Ion Ratio	Lower	Upper	
276	100		
138	19.9	17.1	25.7
277	24.3	20.3	30.5

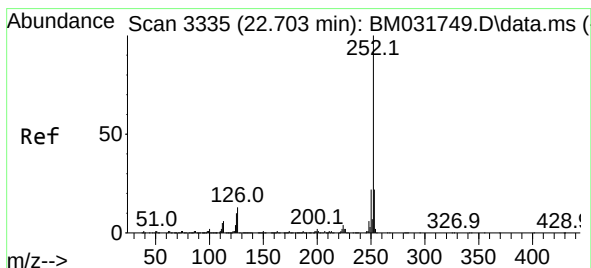
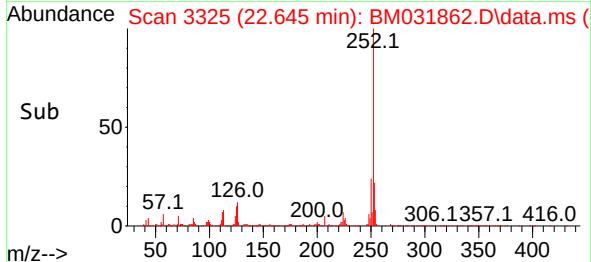
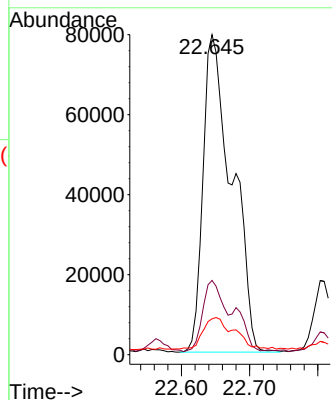
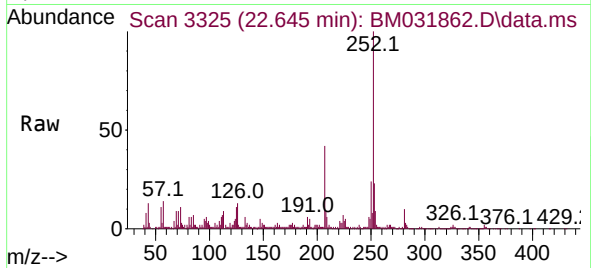




#88
Benzo(b)fluoranthene
Concen: 15.472 ng
RT: 22.645 min Scan# 3325
Delta R.T. 0.000 min
Lab File: BM031862.D
Acq: 21 Aug 2021 03:43

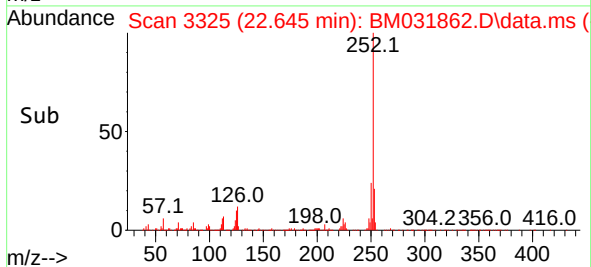
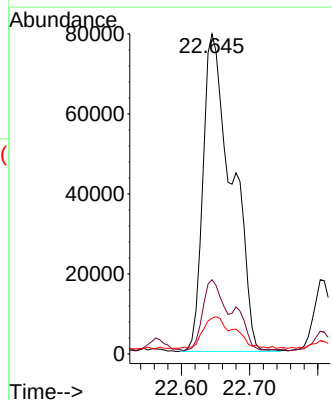
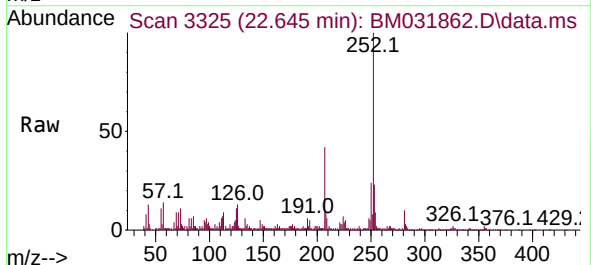
Instrument :
BNA_M
ClientSampleId :
SWCS-02-0205DL

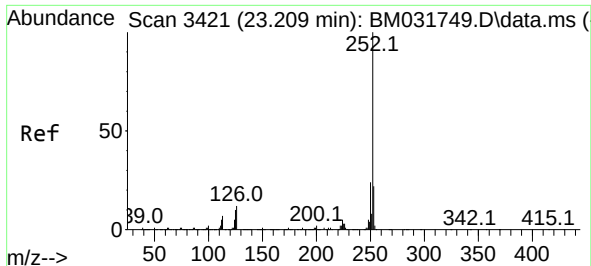
Tgt Ion:252 Resp: 234199
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.0
125 11.2 6.8 10.2#



#89
Benzo(k)fluoranthene
Concen: 16.030 ng
RT: 22.645 min Scan# 3325
Delta R.T. -0.047 min
Lab File: BM031862.D
Acq: 21 Aug 2021 03:43

Tgt Ion:252 Resp: 234199
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.2
125 11.2 6.2 9.2#

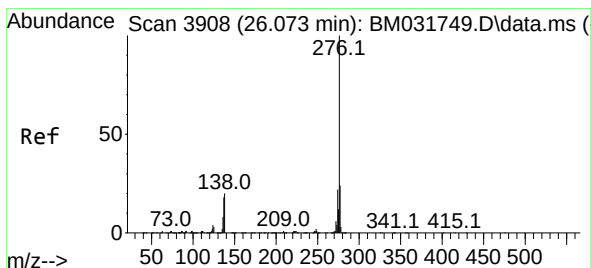
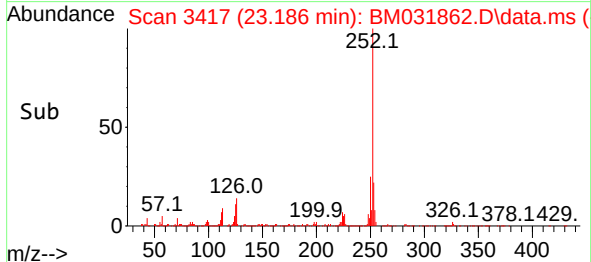
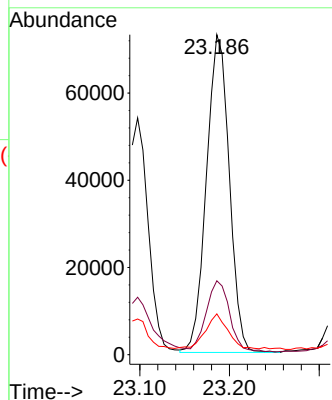
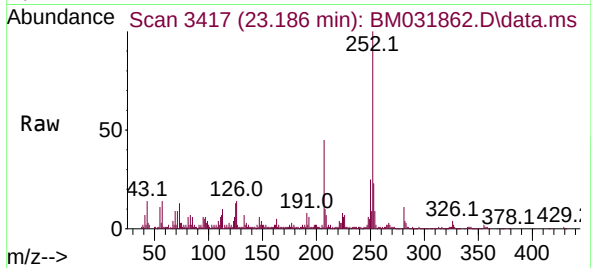




#90
Benzo(a)pyrene
Concen: 9.606 ng
RT: 23.186 min Scan# 3417
Delta R.T. -0.006 min
Lab File: BM031862.D
Acq: 21 Aug 2021 03:43

Instrument :
BNA_M
ClientSampleId :
SWCS-02-0205DL

Tgt Ion:252 Resp: 128738
Ion Ratio Lower Upper
252 100
253 23.1 17.7 26.5
125 12.7 7.3 10.9#



#92
Benzo(g,h,i)perylene
Concen: 7.541 ng
RT: 26.044 min Scan# 3903
Delta R.T. -0.006 min
Lab File: BM031862.D
Acq: 21 Aug 2021 03:43

Tgt Ion:276 Resp: 85803
Ion Ratio Lower Upper
276 100
277 22.5 19.4 29.2
138 22.1 14.4 21.6#

