

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082021\
 Data File : BM031859.D
 Acq On : 21 Aug 2021 01:53
 Operator : CG/JU
 Sample : M3394-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SWCS-01-0002

Quant Time: Aug 21 04:27:55 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)

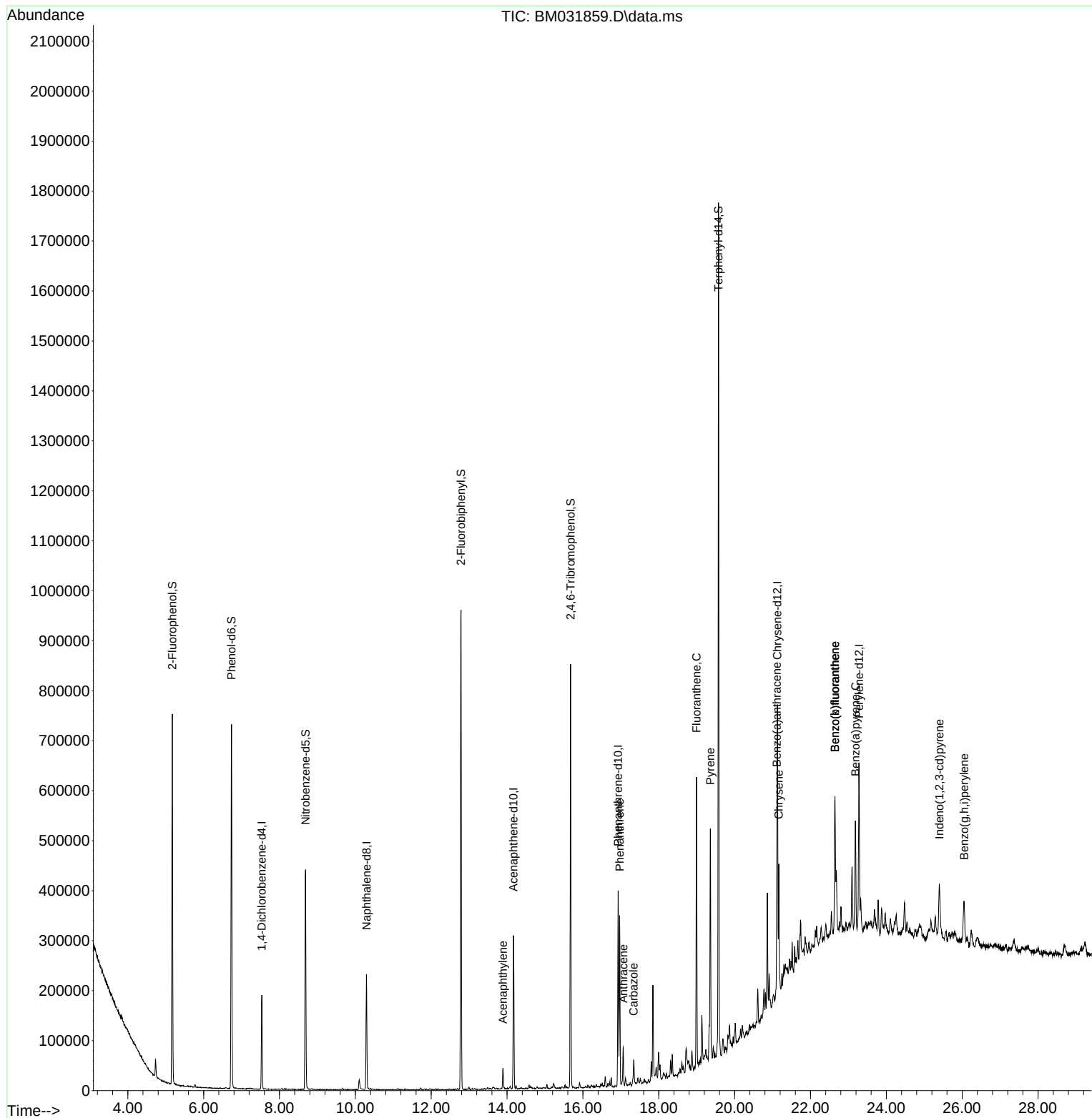
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.534	152	40831	20.000	ng	0.00
21) Naphthalene-d8	10.292	136	165647	20.000	ng	# 0.00
39) Acenaphthene-d10	14.168	164	97511	20.000	ng	-0.01
64) Phenanthrene-d10	16.927	188	197029	20.000	ng	0.00
76) Chrysene-d12	21.127	240	183610	20.000	ng	# 0.00
86) Perylene-d12	23.280	264	190334	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	268953	105.721	ng	0.00
7) Phenol-d6	6.734	99	327931	88.959	ng	0.00
23) Nitrobenzene-d5	8.686	82	233387	58.994	ng	0.00
42) 2,4,6-Tribromophenol	15.674	330	98089	81.674	ng	0.00
45) 2-Fluorobiphenyl	12.786	172	440628	60.145	ng	0.00
79) Terphenyl-d14	19.574	244	655525	60.153	ng	0.00
Target Compounds						
						Qvalue
49) Acenaphthylene	13.892	152	29544	2.996	ng	96
71) Phenanthrene	16.968	178	170554	14.193	ng	100
72) Anthracene	17.062	178	43734	3.712	ng	97
73) Carbazole	17.339	167	24835	2.104	ng	94
75) Fluoranthene	18.992	202	313317	21.768	ng	98
78) Pyrene	19.362	202	261337	19.647	ng	99
81) Benzo(a)anthracene	21.115	228	123708	9.198	ng	97
83) Chrysene	21.162	228	117758	8.983	ng	98
87) Indeno(1,2,3-cd)pyrene	25.397	276	86395	6.441	ng	98
88) Benzo(b)fluoranthene	22.644	252	163714	11.456	ng	# 96
89) Benzo(k)fluoranthene	22.644	252	163714	11.869	ng	# 96
90) Benzo(a)pyrene	23.185	252	112012	8.853	ng	# 96
92) Benzo(g,h,i)perylene	26.050	276	84085	7.828	ng	# 94

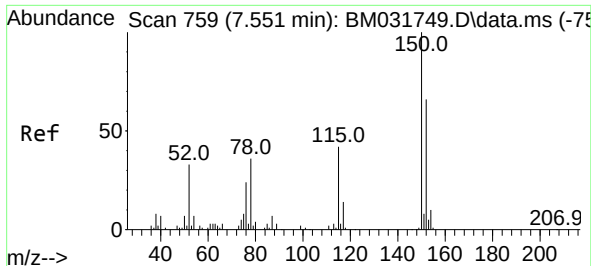
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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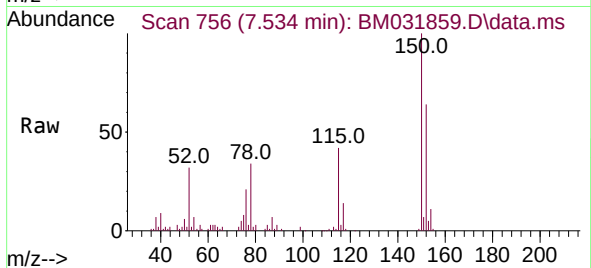
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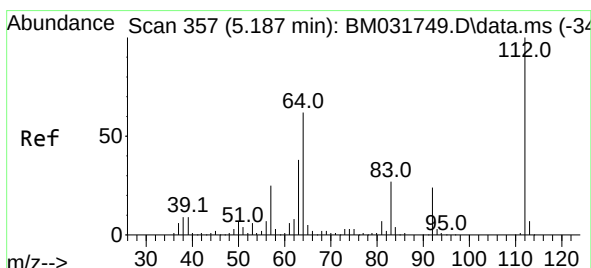
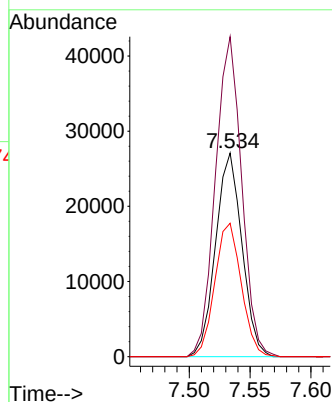
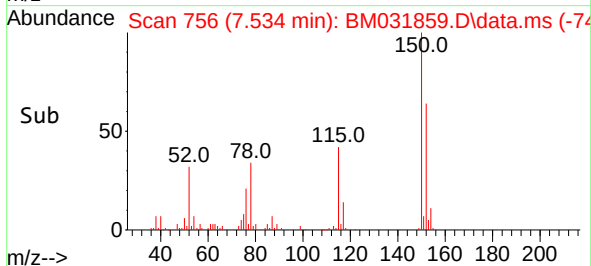


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BM031859.D
Acq: 21 Aug 2021 01:53

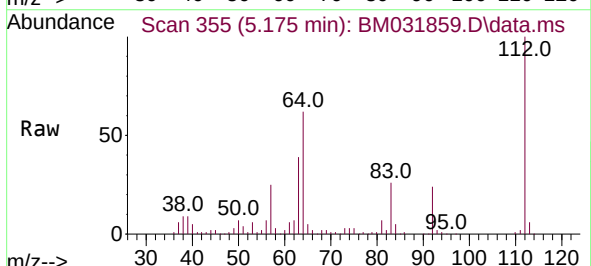
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BNA_M
ClientSampleId :
SWCS-01-0002



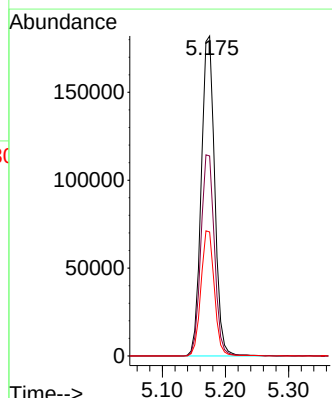
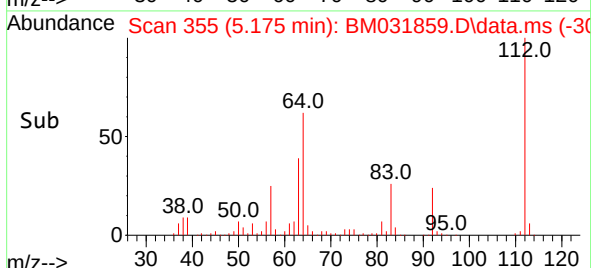
Tgt Ion:152 Resp: 40831
Ion Ratio Lower Upper
152 100
150 157.1 125.9 188.9
115 65.5 44.6 67.0

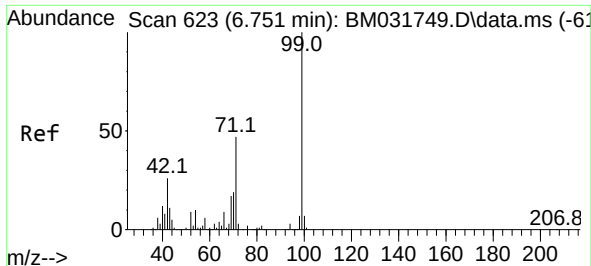


#5
2-Fluorophenol
Concen: 105.721 ng
RT: 5.175 min Scan# 355
Delta R.T. -0.000 min
Lab File: BM031859.D
Acq: 21 Aug 2021 01:53



Tgt Ion:112 Resp: 268953
Ion Ratio Lower Upper
112 100
64 62.5 47.1 70.7
63 38.7 27.3 40.9

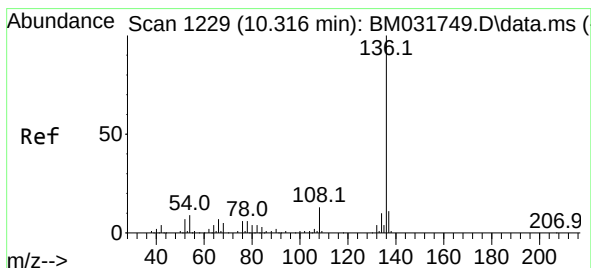
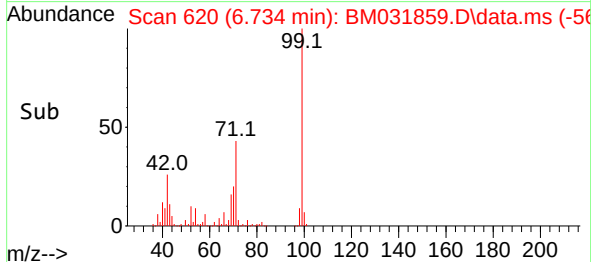
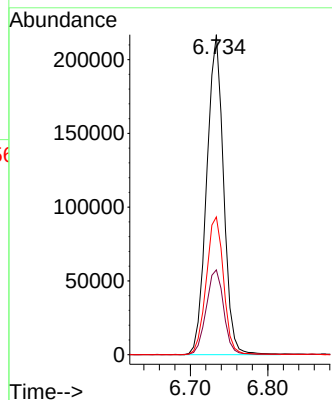
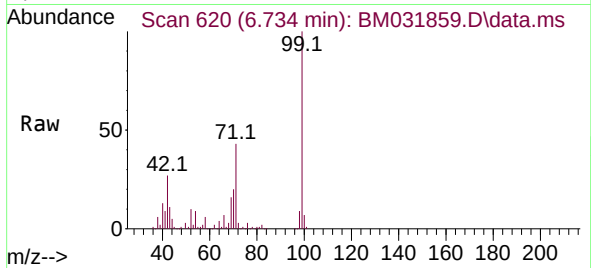




#7
Phenol-d6
Concen: 88.959 ng
RT: 6.734 min Scan# 620
Delta R.T. -0.000 min
Lab File: BM031859.D
Acq: 21 Aug 2021 01:53

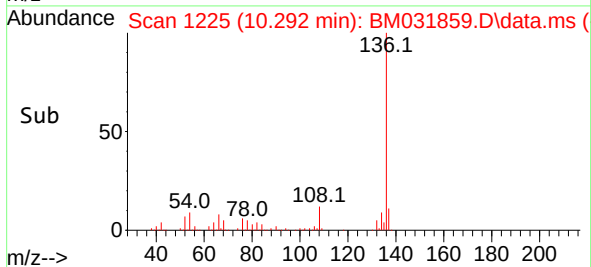
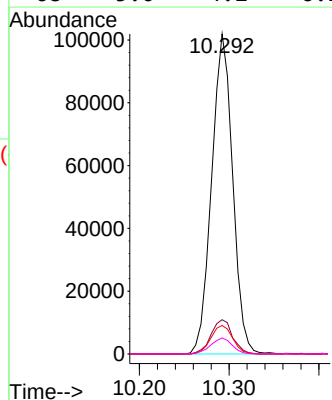
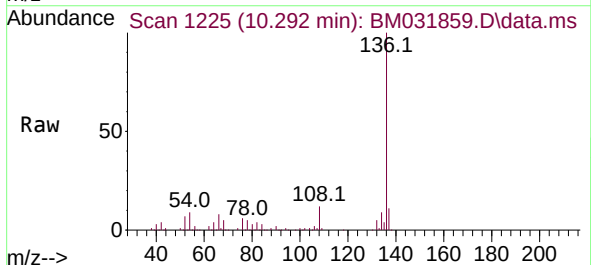
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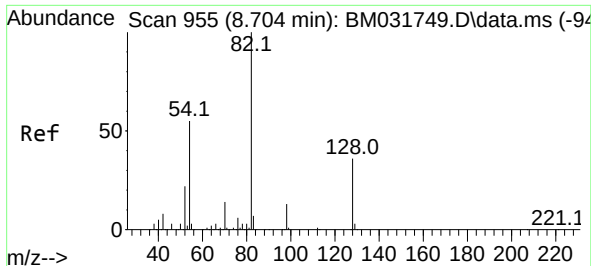
Tgt Ion: 99 Resp: 327931
Ion Ratio Lower Upper
99 100
42 26.5 18.0 27.0
71 43.1 30.9 46.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.292 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BM031859.D
Acq: 21 Aug 2021 01:53

Tgt Ion: 136 Resp: 165647
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 8.9 5.5 8.3#
68 5.0 4.2 6.2

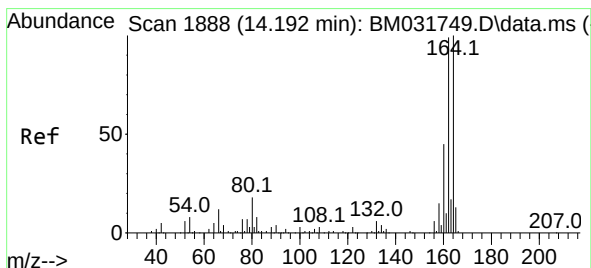
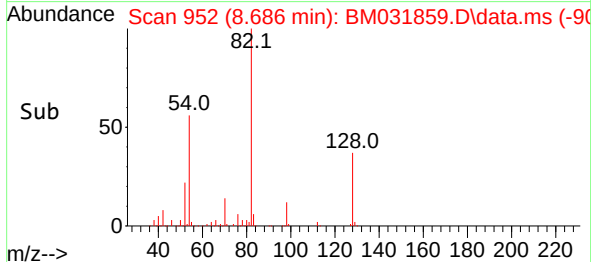
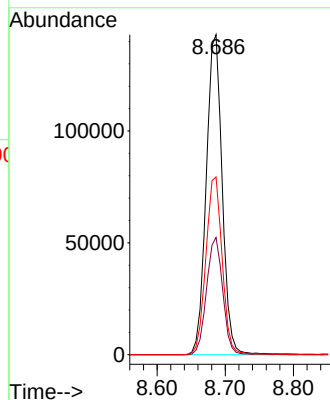
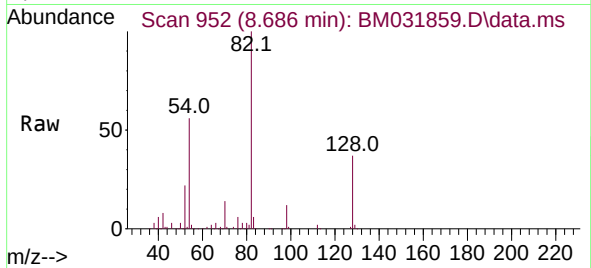




#23
Nitrobenzene-d5
Concen: 58.994 ng
RT: 8.686 min Scan# 952
Delta R.T. -0.006 min
Lab File: BM031859.D
Acq: 21 Aug 2021 01:53

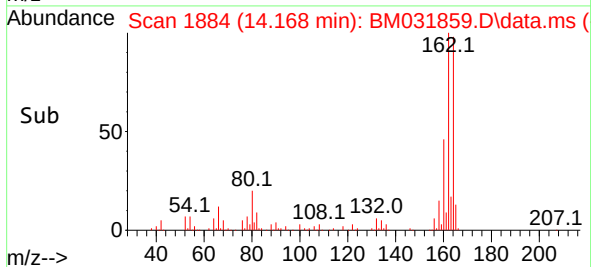
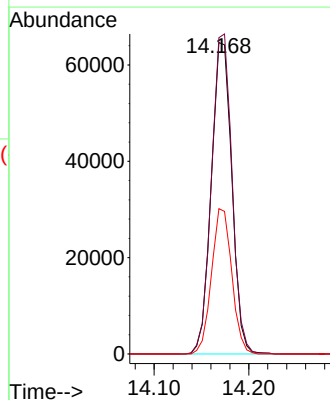
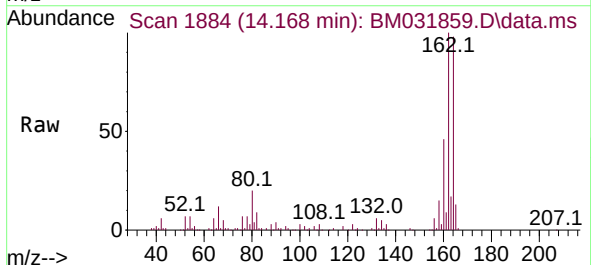
Instrument :
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SWCS-01-0002

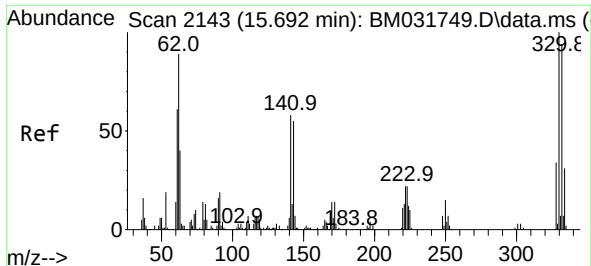
Tgt Ion: 82 Resp: 233387
Ion Ratio Lower Upper
82 100
128 36.7 31.1 46.7
54 55.6 37.3 55.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.168 min Scan# 1884
Delta R.T. -0.012 min
Lab File: BM031859.D
Acq: 21 Aug 2021 01:53

Tgt Ion: 164 Resp: 97511
Ion Ratio Lower Upper
164 100
162 101.6 83.4 125.0
160 46.7 37.2 55.8

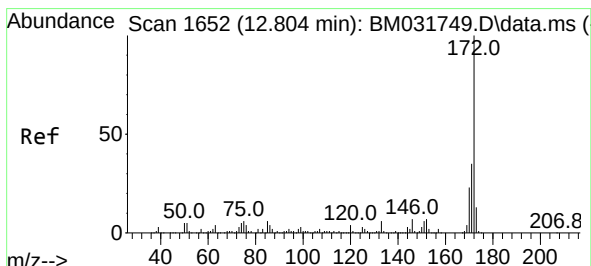
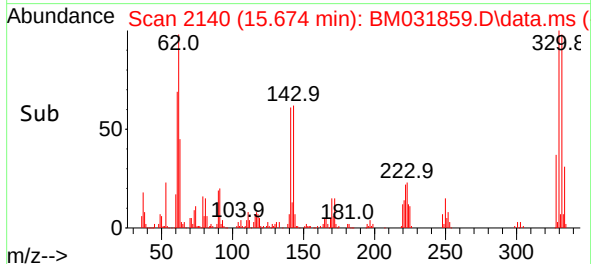
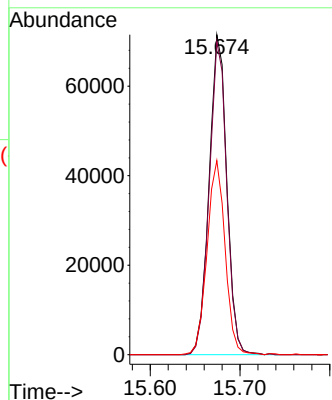
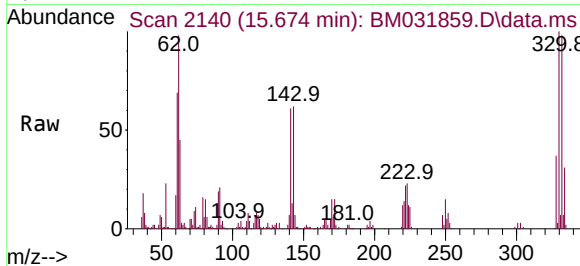




#42
2,4,6-Tribromophenol
Concen: 81.674 ng
RT: 15.674 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BM031859.D
Acq: 21 Aug 2021 01:53

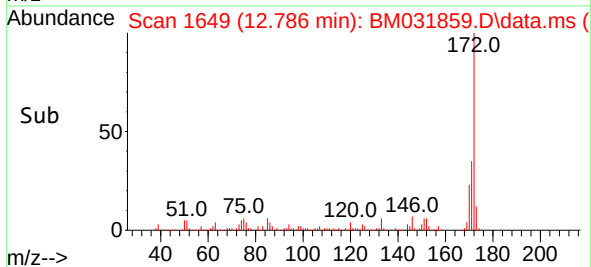
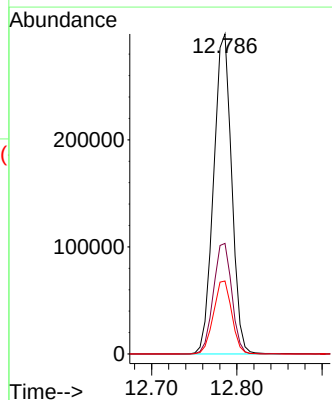
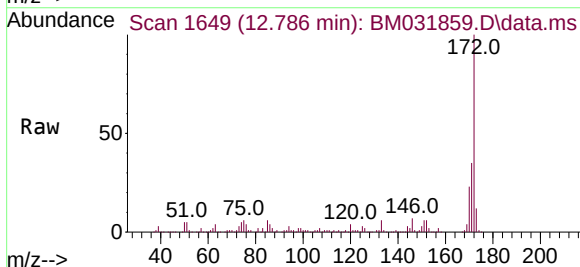
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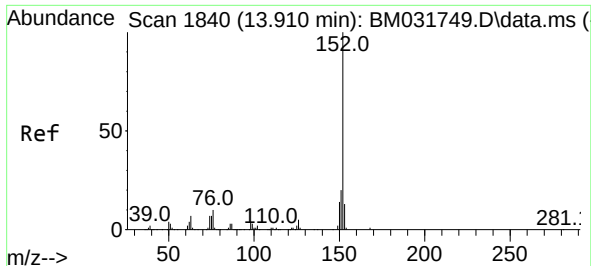
Tgt Ion:330 Resp: 98089
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.4
141 61.8 30.2 45.2#



#45
2-Fluorobiphenyl
Concen: 60.145 ng
RT: 12.786 min Scan# 1649
Delta R.T. -0.006 min
Lab File: BM031859.D
Acq: 21 Aug 2021 01:53

Tgt Ion:172 Resp: 440628
Ion Ratio Lower Upper
172 100
171 34.5 28.6 43.0
170 22.8 18.4 27.6

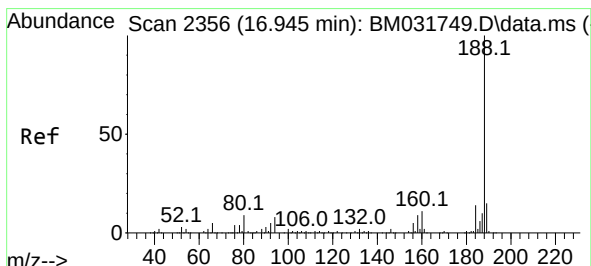
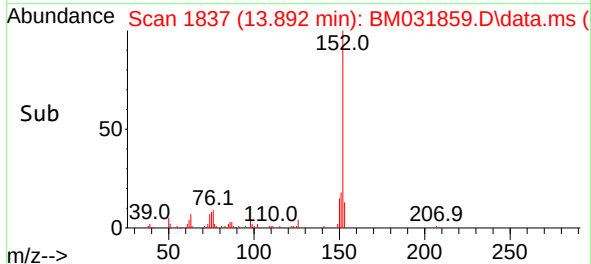
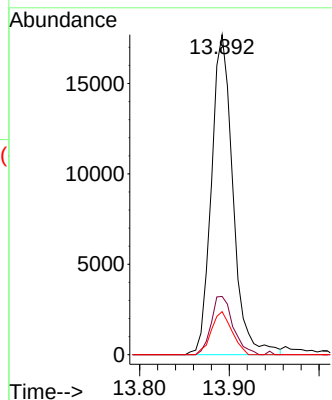
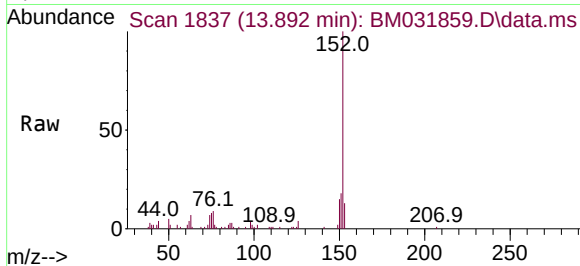




#49
Acenaphthylene
Concen: 2.996 ng
RT: 13.892 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BM031859.D
Acq: 21 Aug 2021 01:53

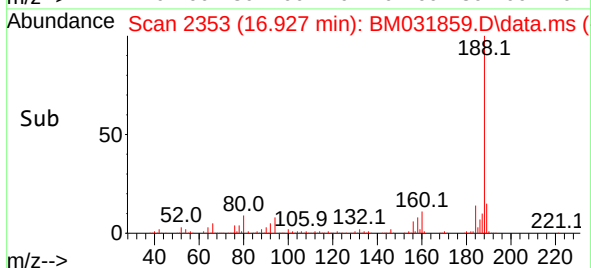
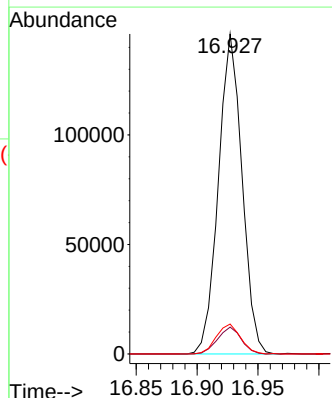
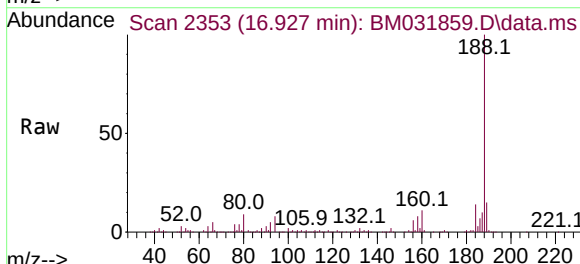
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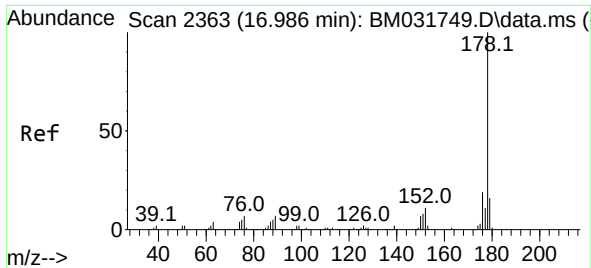
Tgt Ion:152	Resp:	29544
Ion Ratio	Lower	Upper
152	100	
151	18.2	16.3 24.5
153	13.5	10.2 15.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.927 min Scan# 2353
Delta R.T. -0.006 min
Lab File: BM031859.D
Acq: 21 Aug 2021 01:53

Tgt Ion:188	Resp:	197029
Ion Ratio	Lower	Upper
188	100	
94	8.4	6.0 9.0
80	9.4	6.6 9.8

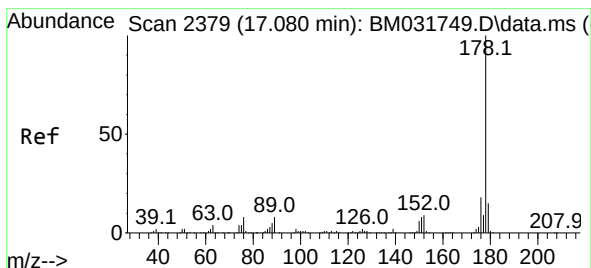
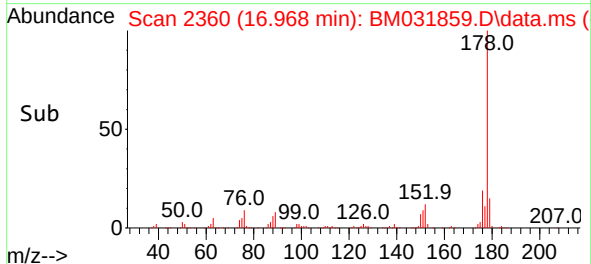
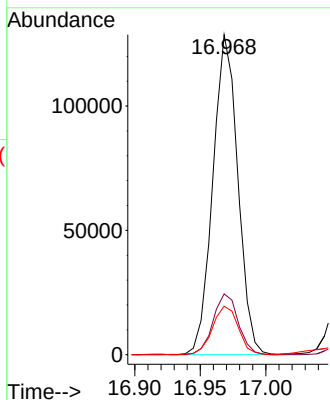
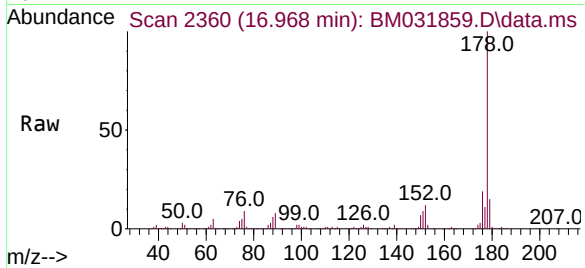




#71
Phenanthrene
Concen: 14.193 ng
RT: 16.968 min Scan# 2360
Delta R.T. -0.006 min
Lab File: BM031859.D
Acq: 21 Aug 2021 01:53

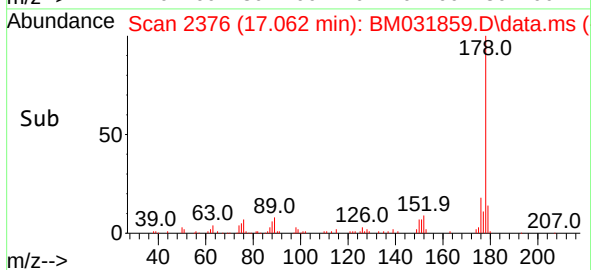
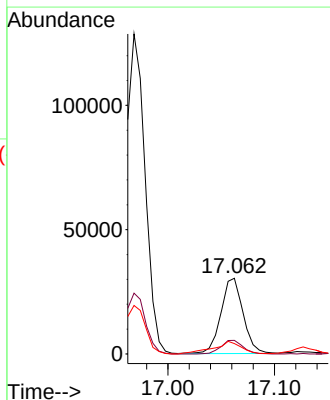
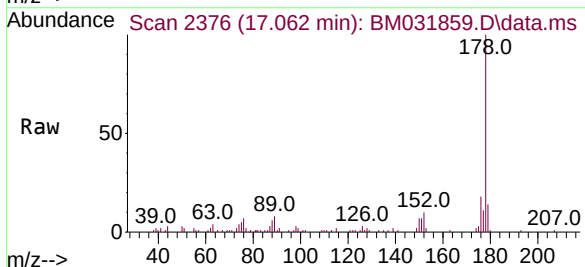
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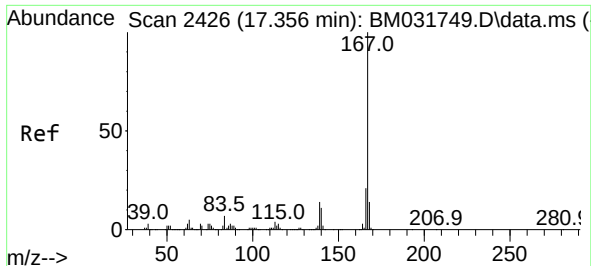
Tgt Ion:178 Resp: 170554
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.2 12.2 18.4



#72
Anthracene
Concen: 3.712 ng
RT: 17.062 min Scan# 2376
Delta R.T. -0.006 min
Lab File: BM031859.D
Acq: 21 Aug 2021 01:53

Tgt Ion:178 Resp: 43734
Ion Ratio Lower Upper
178 100
176 18.1 15.0 22.4
179 13.7 12.5 18.7

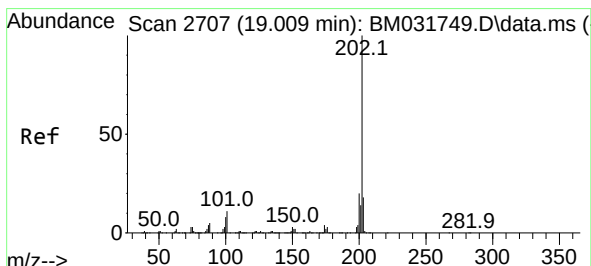
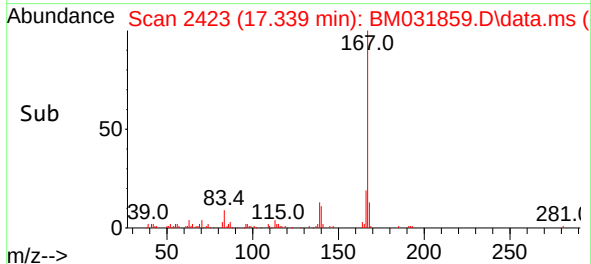
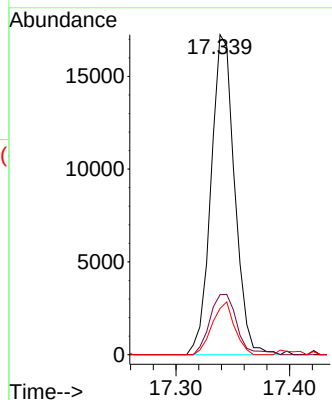
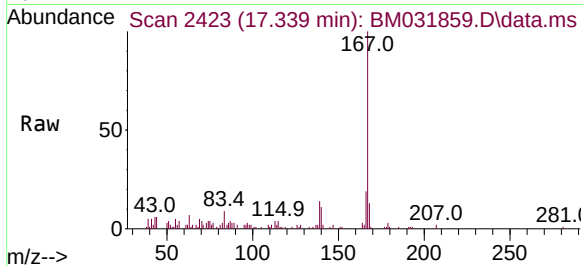




#73
 Carbazole
 Concen: 2.104 ng
 RT: 17.339 min Scan# 2423
 Delta R.T. -0.006 min
 Lab File: BM031859.D
 Acq: 21 Aug 2021 01:53

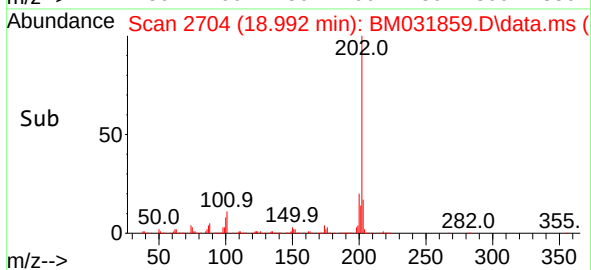
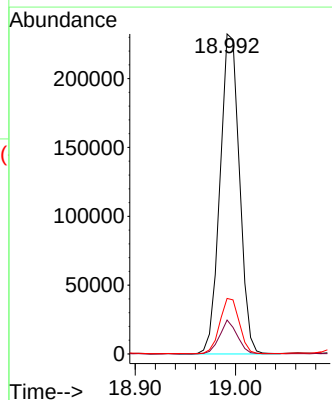
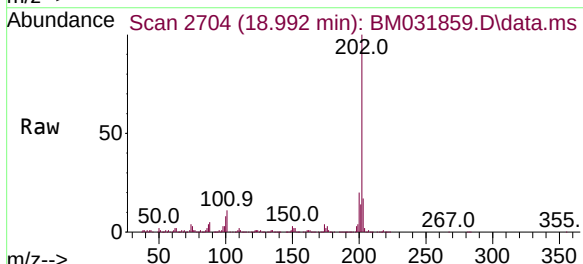
Instrument :
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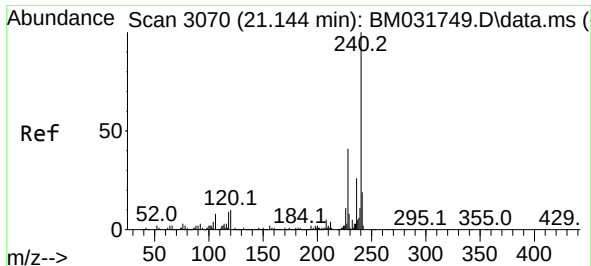
Tgt Ion:167	Resp:	24835
Ion Ratio	Lower	Upper
167	100	
166	18.8	17.4 26.0
139	14.4	9.8 14.6



#75
 Fluoranthene
 Concen: 21.768 ng
 RT: 18.992 min Scan# 2704
 Delta R.T. -0.006 min
 Lab File: BM031859.D
 Acq: 21 Aug 2021 01:53

Tgt Ion:202	Resp:	313317
Ion Ratio	Lower	Upper
202	100	
101	10.6	0.0 28.6
203	17.3	0.0 37.3

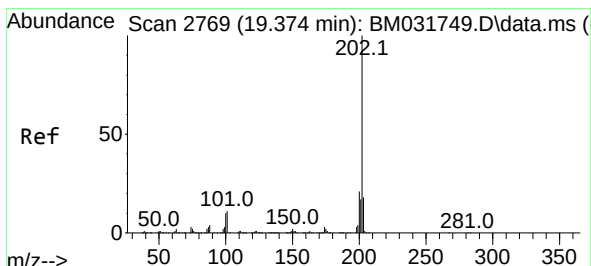
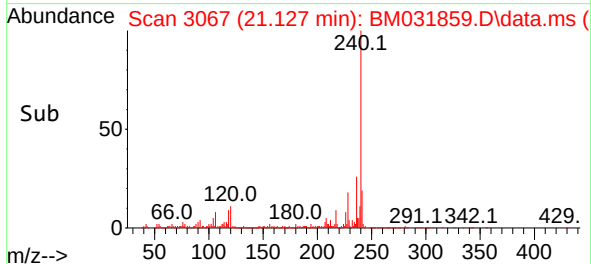
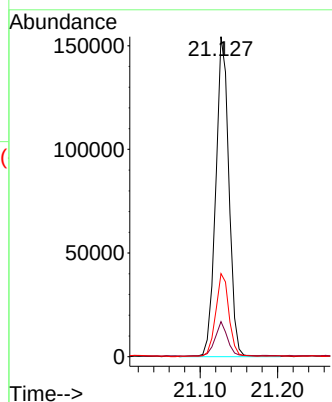
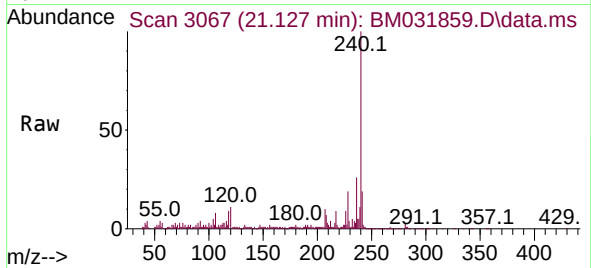




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.127 min Scan# 3067
Delta R.T. -0.006 min
Lab File: BM031859.D
Acq: 21 Aug 2021 01:53

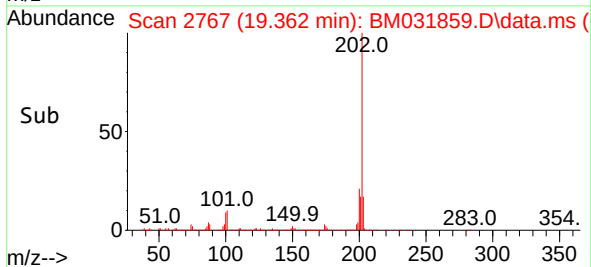
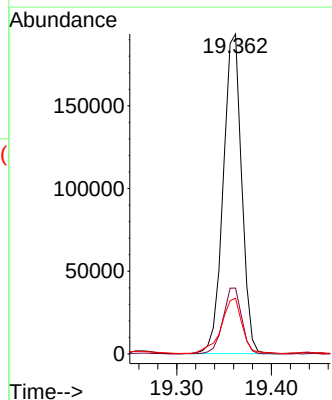
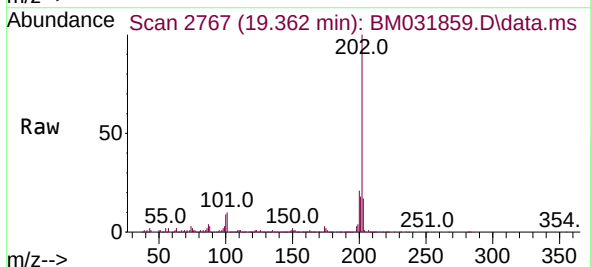
Instrument :
BNA_M
ClientSampleId :
SWCS-01-0002

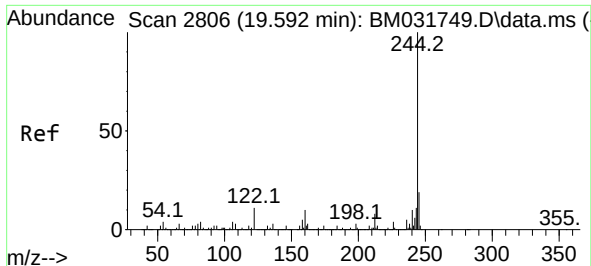
Tgt Ion:240 Resp: 183610
Ion Ratio Lower Upper
240 100
120 10.9 7.0 10.6#
236 25.9 21.0 31.4



#78
Pyrene
Concen: 19.647 ng
RT: 19.362 min Scan# 2767
Delta R.T. -0.000 min
Lab File: BM031859.D
Acq: 21 Aug 2021 01:53

Tgt Ion:202 Resp: 261337
Ion Ratio Lower Upper
202 100
200 20.6 17.3 25.9
203 17.4 13.9 20.9

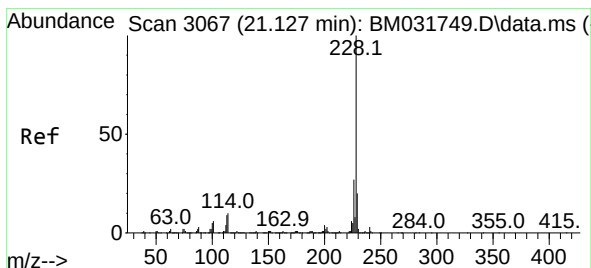
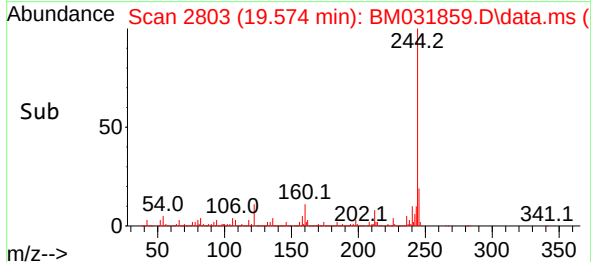
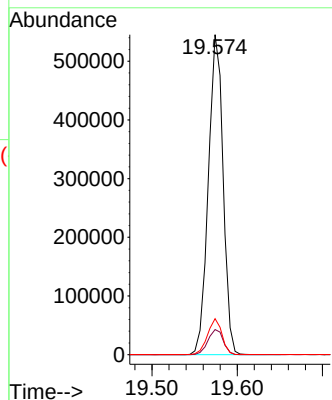
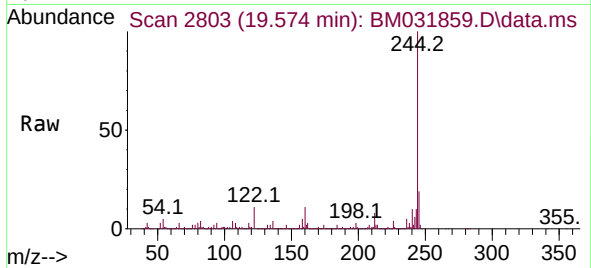




#79
Terphenyl-d14
Concen: 60.153 ng
RT: 19.574 min Scan# 2803
Delta R.T. -0.006 min
Lab File: BM031859.D
Acq: 21 Aug 2021 01:53

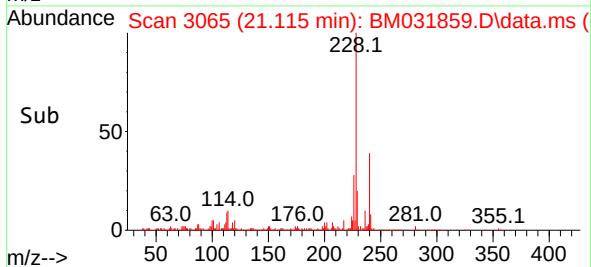
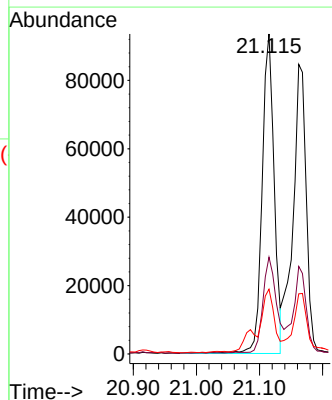
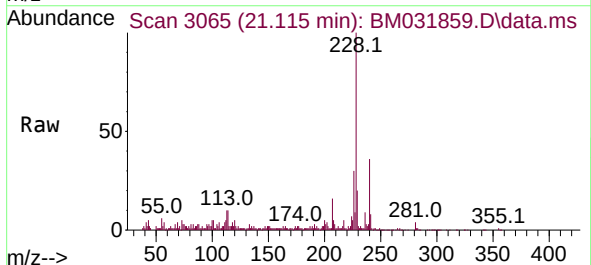
Instrument :
BNA_M
ClientSampleId :
SWCS-01-0002

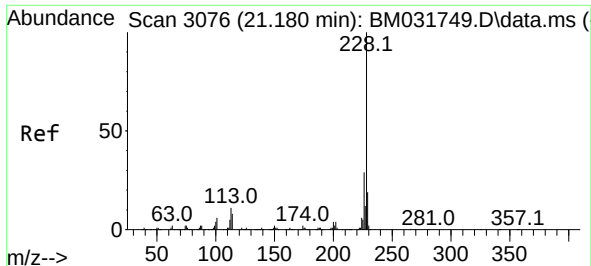
Tgt Ion:244 Resp: 655525
Ion Ratio Lower Upper
244 100
212 7.9 6.3 9.5
122 11.3 6.9 10.3#



#81
Benzo(a)anthracene
Concen: 9.198 ng
RT: 21.115 min Scan# 3065
Delta R.T. -0.006 min
Lab File: BM031859.D
Acq: 21 Aug 2021 01:53

Tgt Ion:228 Resp: 123708
Ion Ratio Lower Upper
228 100
226 30.3 22.3 33.5
229 20.2 15.7 23.5

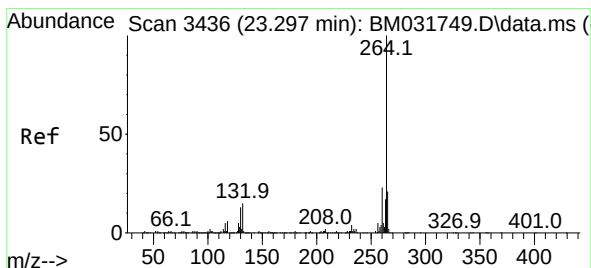
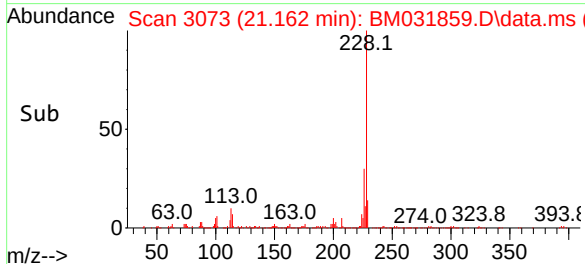
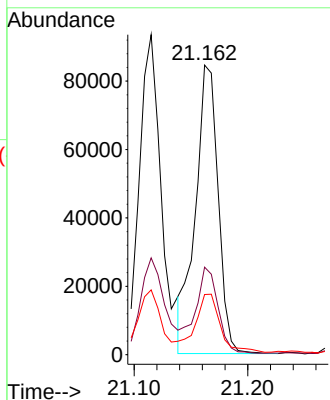
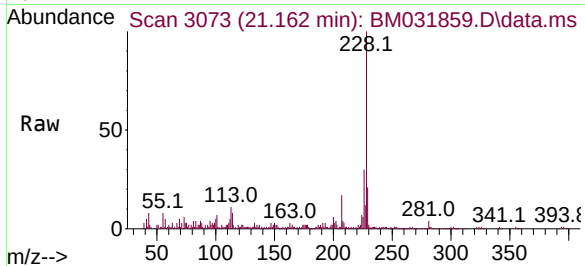




#83
Chrysene
Concen: 8.983 ng
RT: 21.162 min Scan# 3073
Delta R.T. -0.012 min
Lab File: BM031859.D
Acq: 21 Aug 2021 01:53

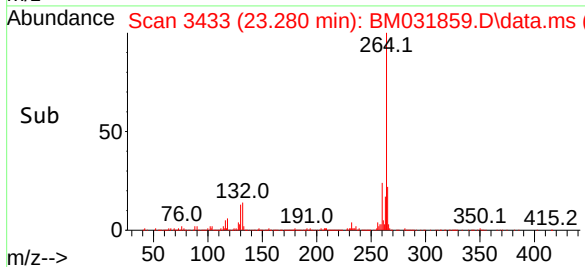
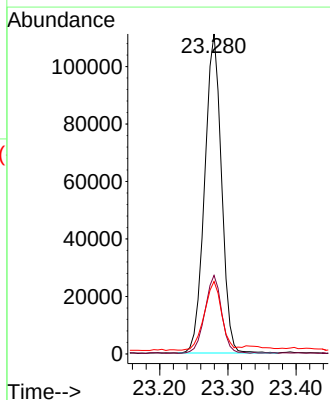
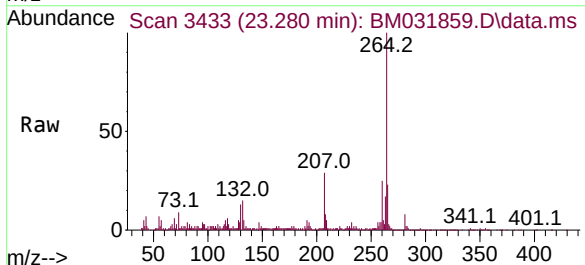
Instrument :
BNA_M
ClientSampleId :
SWCS-01-0002

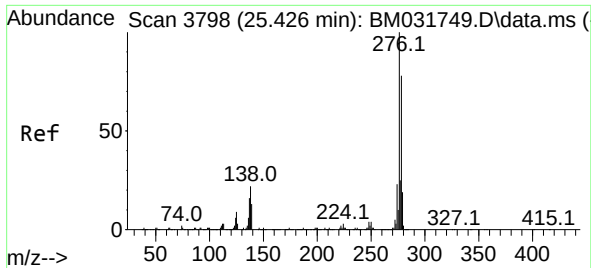
Tgt Ion:	228	Resp:	117758
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.6	36.8
229	20.7	15.5	23.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.280 min Scan# 3433
Delta R.T. -0.000 min
Lab File: BM031859.D
Acq: 21 Aug 2021 01:53

Tgt Ion:	264	Resp:	190334
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.8	29.8
265	22.6	17.7	26.5

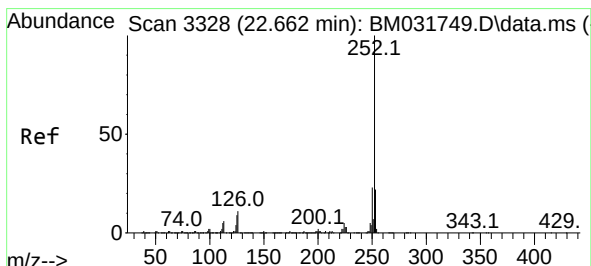
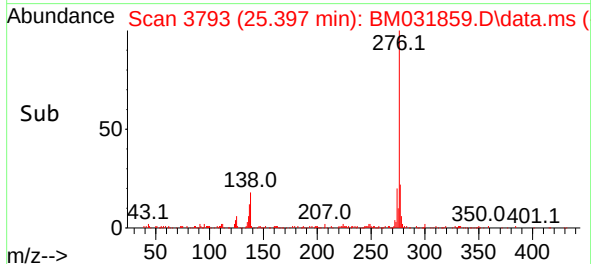
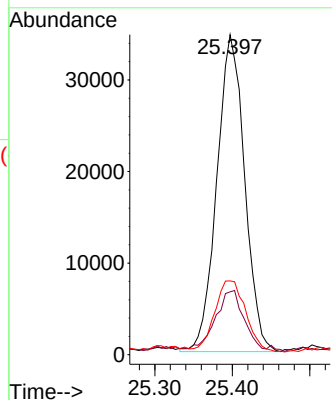
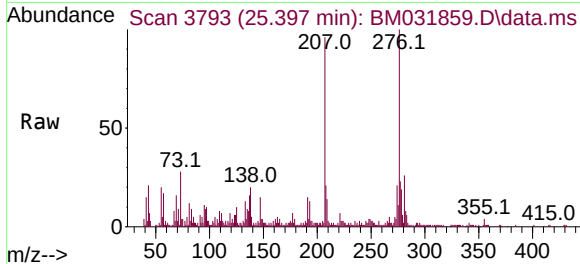




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 6.441 ng
 RT: 25.397 min Scan# 3793
 Delta R.T. -0.012 min
 Lab File: BM031859.D
 Acq: 21 Aug 2021 01:53

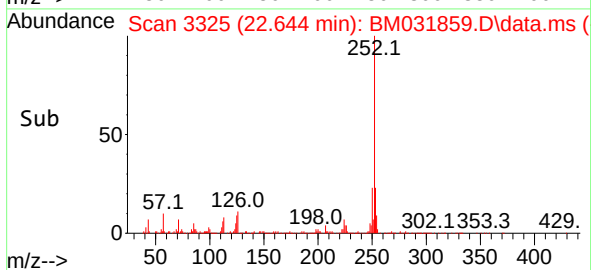
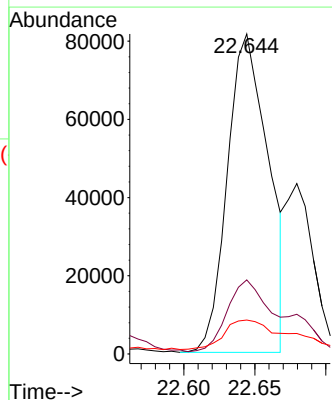
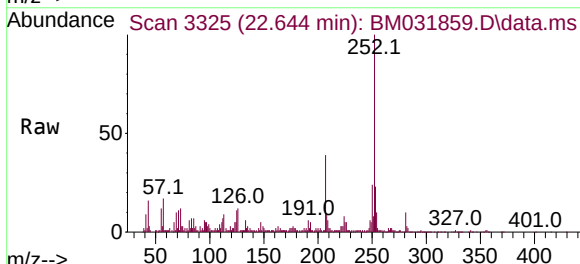
Instrument :
 BNA_M
 ClientSampleId :
 SWCS-01-0002

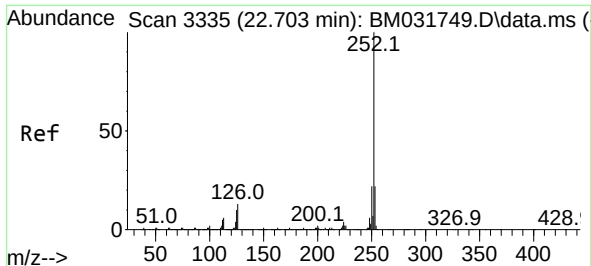
Tgt Ion:	276	Resp:	86395
Ion Ratio	Lower	Upper	
276	100		
138	19.7	17.1	25.7
277	25.2	20.3	30.5



#88
 Benzo(b)fluoranthene
 Concen: 11.456 ng
 RT: 22.644 min Scan# 3325
 Delta R.T. -0.000 min
 Lab File: BM031859.D
 Acq: 21 Aug 2021 01:53

Tgt Ion:	252	Resp:	163714
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.4	26.0
125	10.6	6.8	10.2

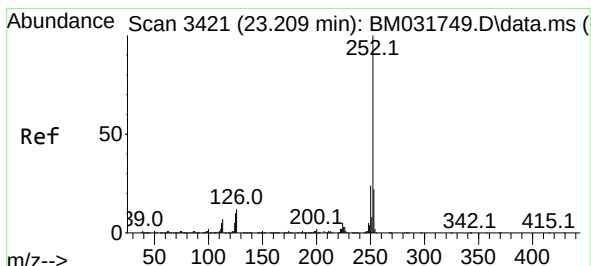
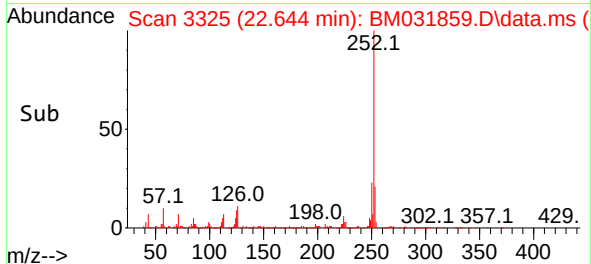
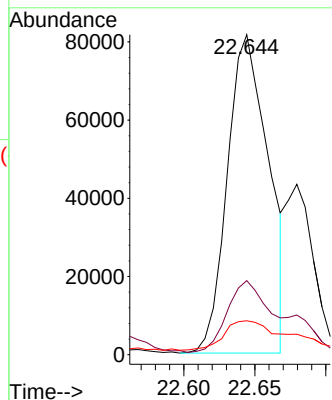
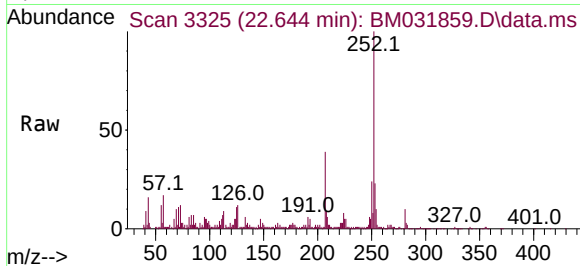




#89
Benzo(k)fluoranthene
Concen: 11.869 ng
RT: 22.644 min Scan# 3325
Delta R.T. -0.047 min
Lab File: BM031859.D
Acq: 21 Aug 2021 01:53

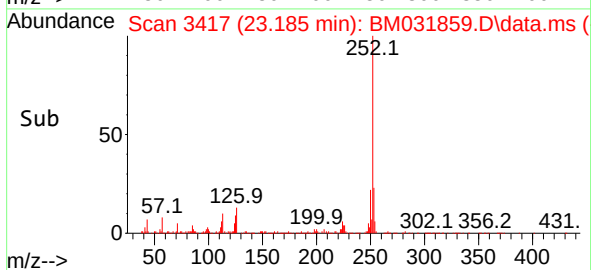
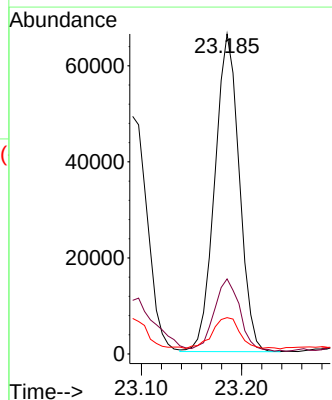
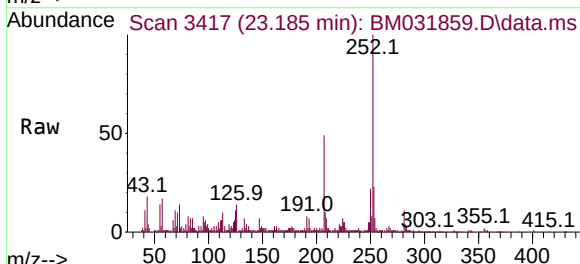
Instrument :
BNA_M
ClientSampleId :
SWCS-01-0002

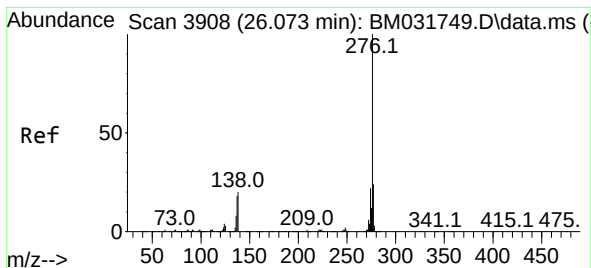
Tgt Ion:252 Resp: 163714
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.2
125 10.6 6.2 9.2#



#90
Benzo(a)pyrene
Concen: 8.853 ng
RT: 23.185 min Scan# 3417
Delta R.T. -0.006 min
Lab File: BM031859.D
Acq: 21 Aug 2021 01:53

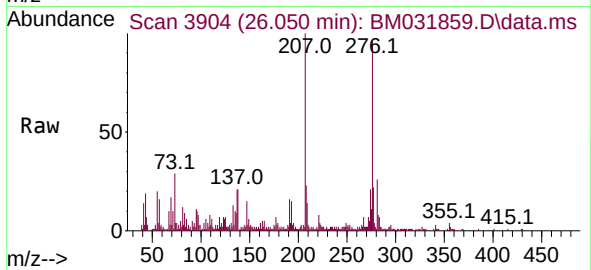
Tgt Ion:252 Resp: 112012
Ion Ratio Lower Upper
252 100
253 23.4 17.7 26.5
125 11.4 7.3 10.9#





#92
 Benzo(g,h,i)perylene
 Concen: 7.828 ng
 RT: 26.050 min Scan# 3904
 Delta R.T. -0.000 min
 Lab File: BM031859.D
 Acq: 21 Aug 2021 01:53

Instrument :
 BNA_M
 ClientSampleId :
 SWCS-01-0002



Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.4	29.2
138	22.2	14.4	21.6

