

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081921\
 Data File : BM031829.D
 Acq On : 19 Aug 2021 15:34
 Operator : CG/JU
 Sample : M3435-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SWCS-21-0002

Quant Time: Aug 19 17:10:08 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)

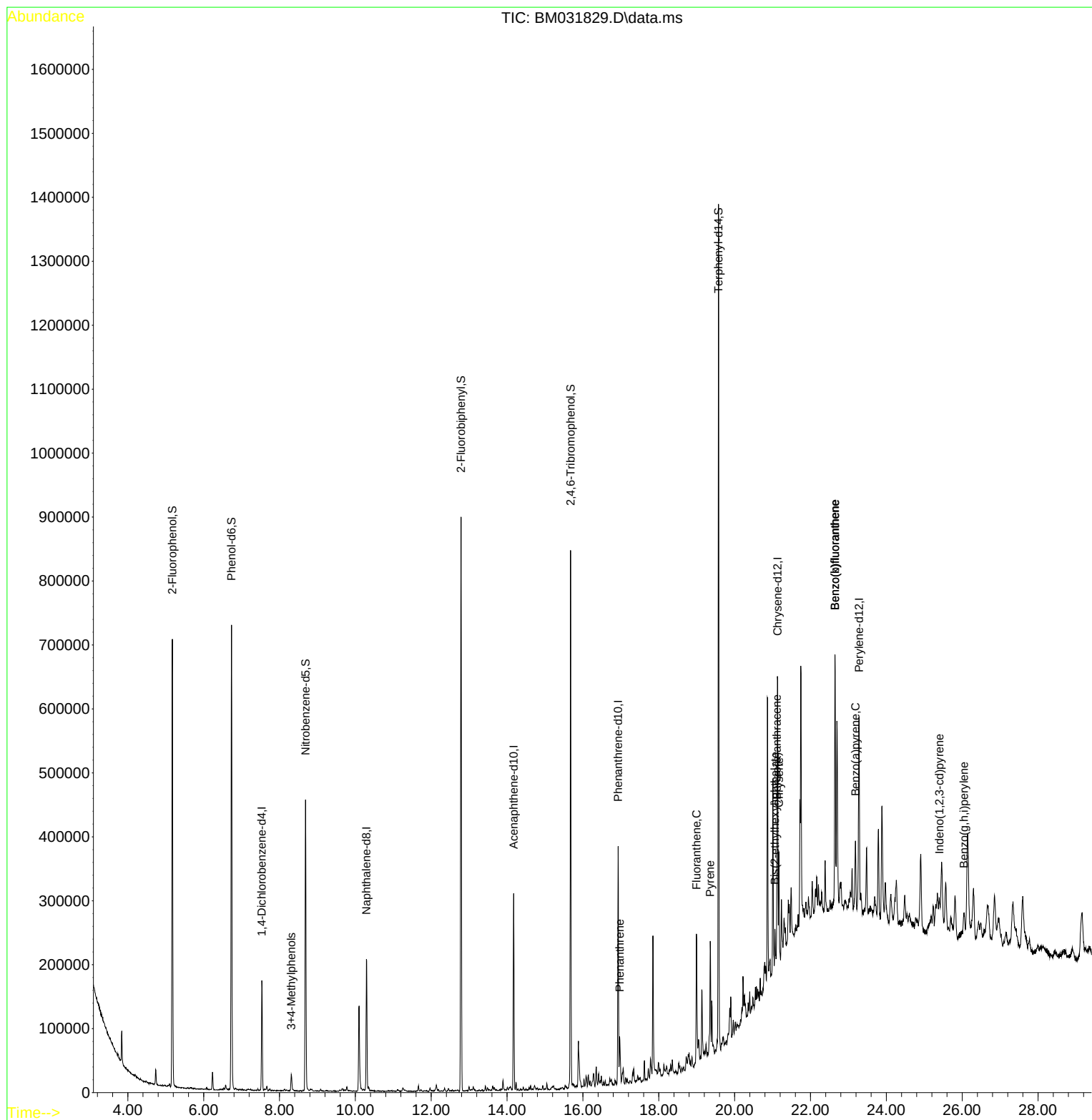
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.534	152	39384	20.000	ng	0.00
21) Naphthalene-d8	10.292	136	155266	20.000	ng	# 0.00
39) Acenaphthene-d10	14.174	164	94285	20.000	ng	0.00
64) Phenanthrene-d10	16.927	188	186383	20.000	ng	# 0.00
76) Chrysene-d12	21.133	240	176593	20.000	ng	0.00
86) Perylene-d12	23.280	264	183565	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	255262	104.026	ng	0.00
7) Phenol-d6	6.734	99	336670	94.685	ng	0.00
23) Nitrobenzene-d5	8.686	82	236498	63.777	ng	0.00
42) 2,4,6-Tribromophenol	15.674	330	103258	88.920	ng	0.00
45) 2-Fluorobiphenyl	12.786	172	402648	56.841	ng	0.00
79) Terphenyl-d14	19.574	244	513187	48.963	ng	0.00
Target Compounds						
						Qvalue
20) 3+4-Methylphenols	8.310	107	10869	3.096	ng	88
71) Phenanthrene	16.968	178	37127	3.266	ng	99
75) Fluoranthene	18.992	202	104179	7.651	ng	99
78) Pyrene	19.356	202	92949	7.266	ng	99
81) Benzo(a)anthracene	21.115	228	44448	3.436	ng	98
83) Chrysene	21.168	228	57385	4.551	ng	98
84) Bis(2-ethylhexyl)phtha...	21.062	149	19321	2.039	ng	95
87) Indeno(1,2,3-cd)pyrene	25.397	276	40141	3.103	ng	98
88) Benzo(b)fluoranthene	22.644	252	78687	5.709	ng	# 91
89) Benzo(k)fluoranthene	22.644	252	78687	5.915	ng	# 90
90) Benzo(a)pyrene	23.185	252	47039	3.855	ng	# 94
92) Benzo(g,h,i)perylene	26.044	276	39223	3.786	ng	# 96

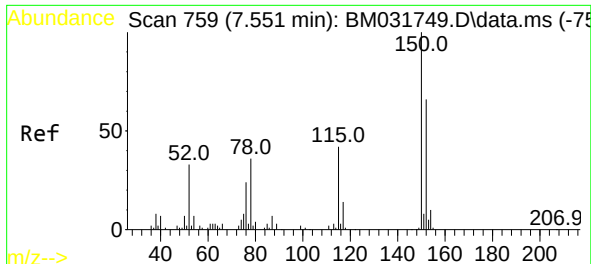
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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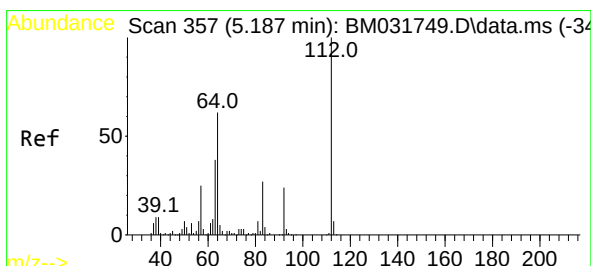
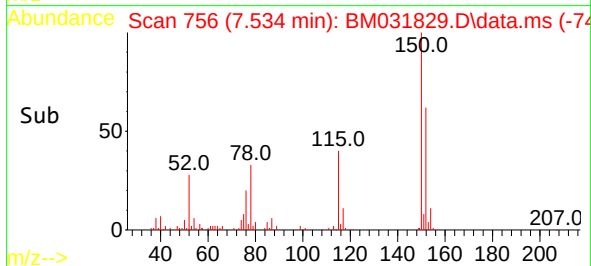
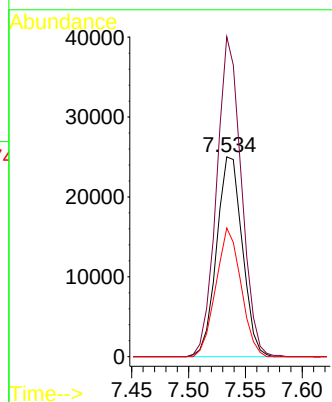
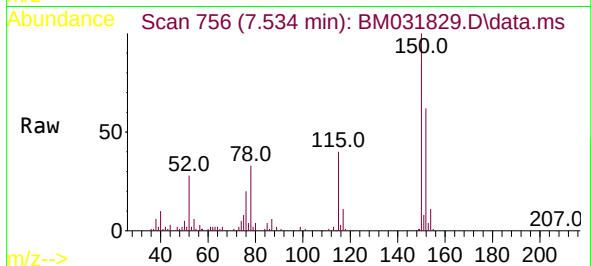




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BM031829.D
Acq: 19 Aug 2021 15:34

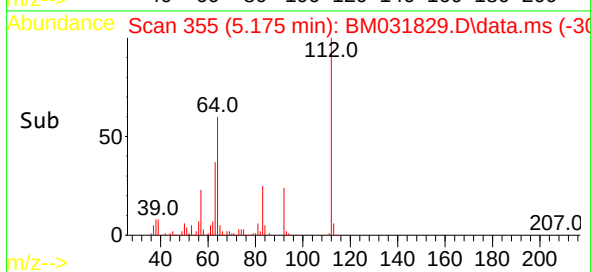
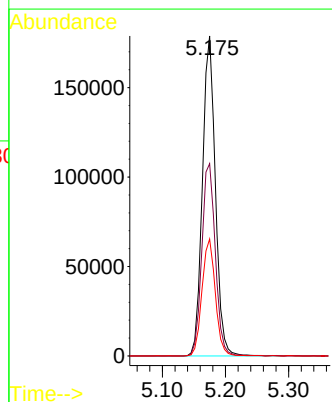
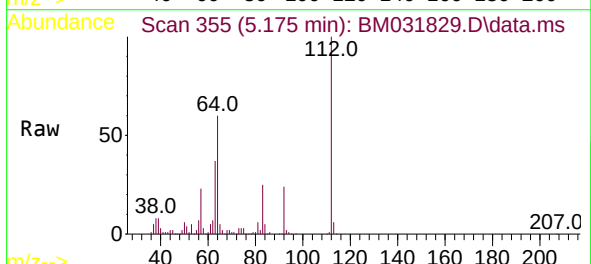
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SWCS-21-0002

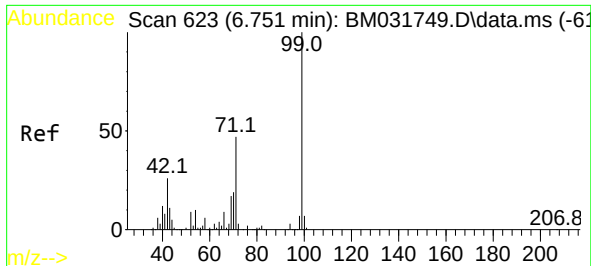
Tgt Ion:152 Resp: 39384
Ion Ratio Lower Upper
152 100
150 160.1 125.9 188.9
115 64.3 44.6 67.0



#5
2-Fluorophenol
Concen: 104.026 ng
RT: 5.175 min Scan# 355
Delta R.T. -0.000 min
Lab File: BM031829.D
Acq: 19 Aug 2021 15:34

Tgt Ion:112 Resp: 255262
Ion Ratio Lower Upper
112 100
64 60.1 47.1 70.7
63 36.6 27.3 40.9

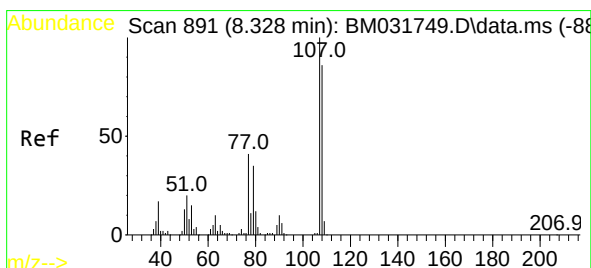
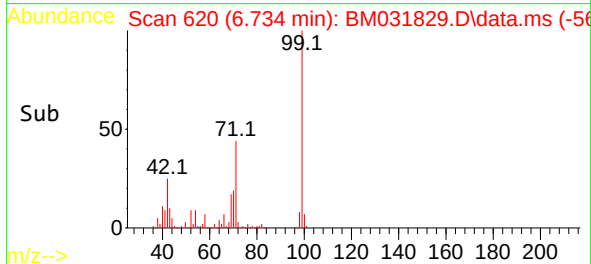
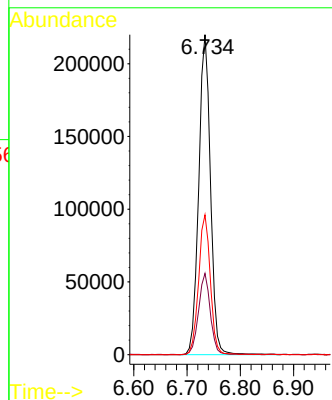
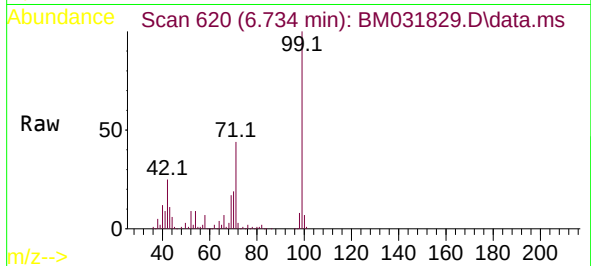




#7
Phenol-d6
Concen: 94.685 ng
RT: 6.734 min Scan# 620
Delta R.T. -0.000 min
Lab File: BM031829.D
Acq: 19 Aug 2021 15:34

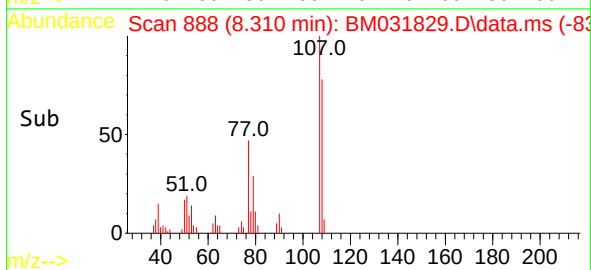
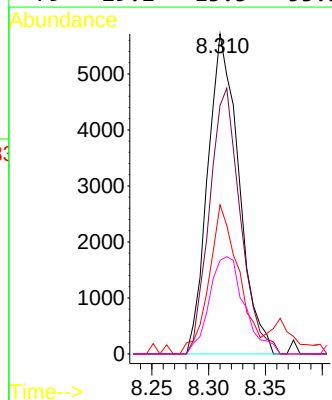
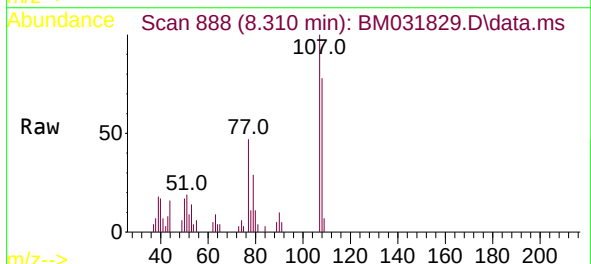
Instrument :
BNA_M
ClientSampleId :
SWCS-21-0002

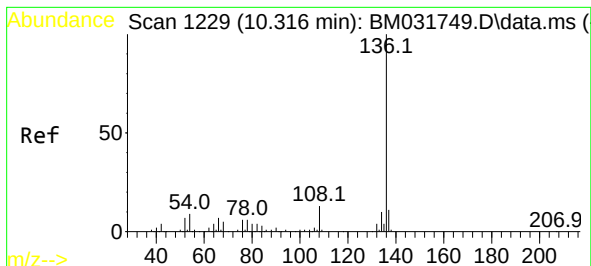
Tgt Ion: 99 Resp: 336670
Ion Ratio Lower Upper
99 100
42 25.4 18.0 27.0
71 43.7 30.9 46.3



#20
3+4-Methylphenols
Concen: 3.096 ng
RT: 8.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BM031829.D
Acq: 19 Aug 2021 15:34

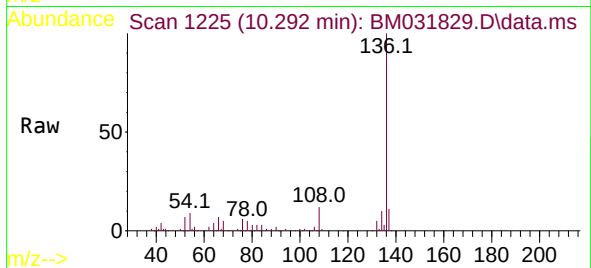
Tgt Ion: 107 Resp: 10869
Ion Ratio Lower Upper
107 100
108 77.7 69.9 109.9
77 46.6 17.3 57.3
79 29.2 13.3 53.3



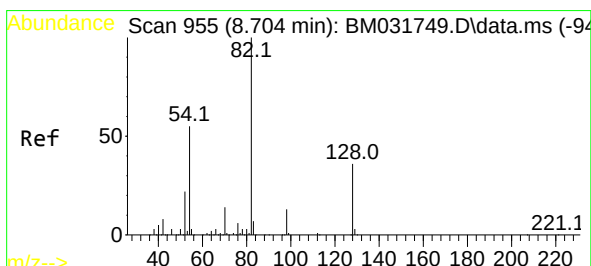
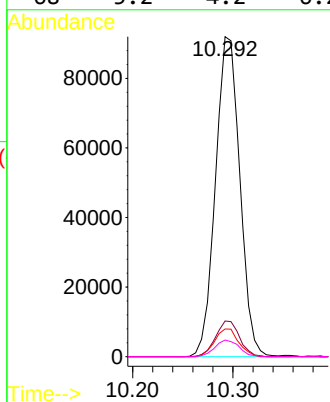
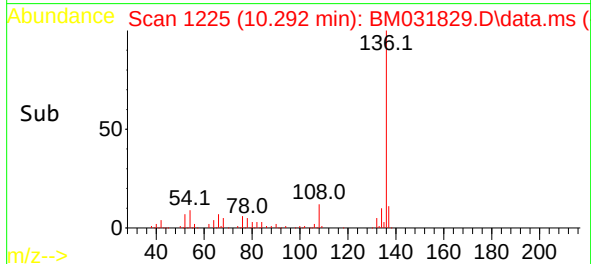


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.292 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BM031829.D
Acq: 19 Aug 2021 15:34

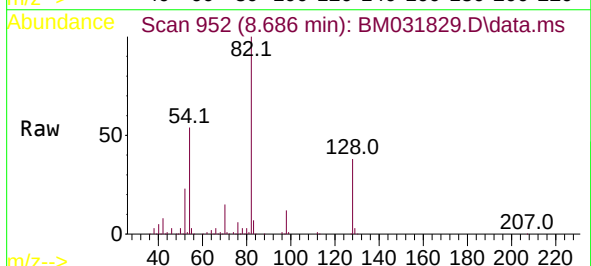
Instrument :
BNA_M
ClientSampleId :
SWCS-21-0002



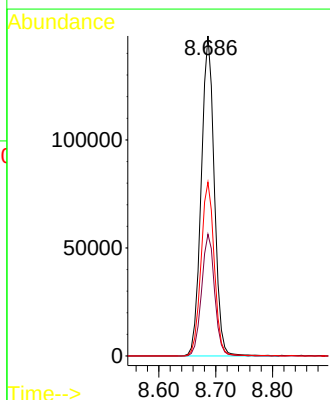
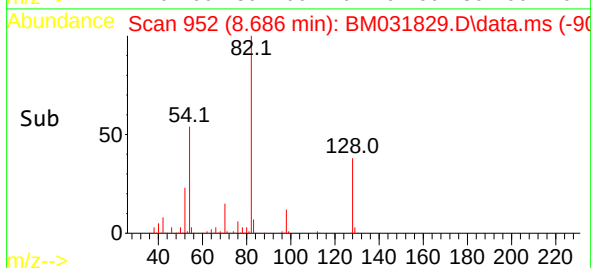
Tgt Ion:	136	Resp:	155266
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.4	12.6
54	8.6	5.5	8.3#
68	5.2	4.2	6.2

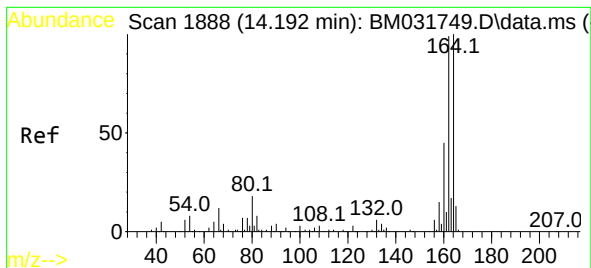


#23
Nitrobenzene-d5
Concen: 63.777 ng
RT: 8.686 min Scan# 952
Delta R.T. -0.006 min
Lab File: BM031829.D
Acq: 19 Aug 2021 15:34



Tgt Ion:	82	Resp:	236498
Ion Ratio	Lower	Upper	
82	100		
128	38.1	31.1	46.7
54	54.3	37.3	55.9

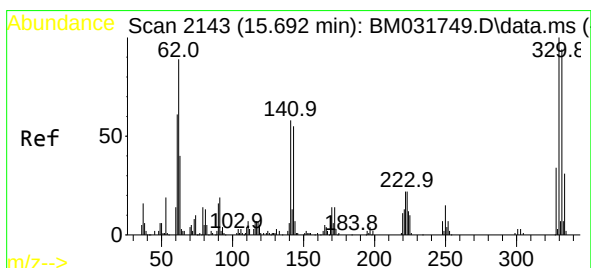
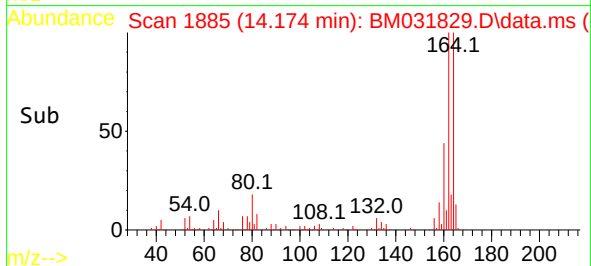
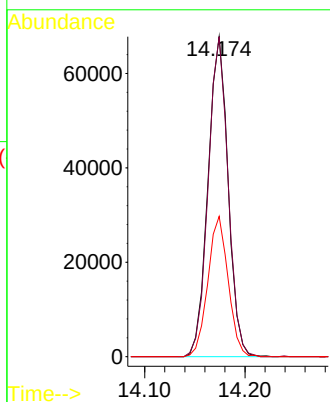
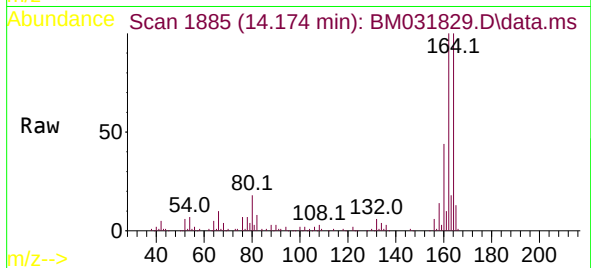




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.174 min Scan# 1885
Delta R.T. -0.006 min
Lab File: BM031829.D
Acq: 19 Aug 2021 15:34

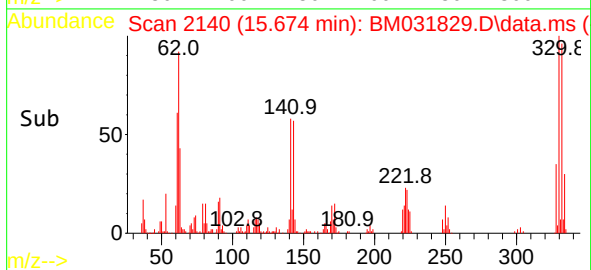
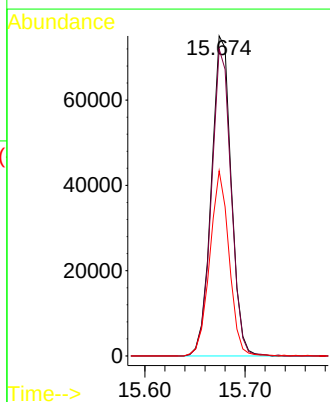
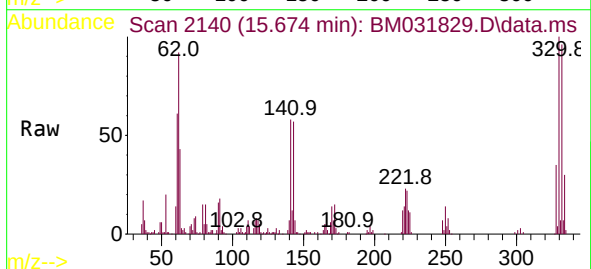
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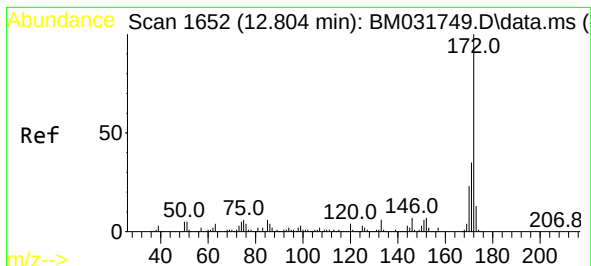
Tgt Ion:164 Resp: 94285
Ion Ratio Lower Upper
164 100
162 100.0 83.4 125.0
160 43.8 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 88.920 ng
RT: 15.674 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BM031829.D
Acq: 19 Aug 2021 15:34

Tgt Ion:330 Resp: 103258
Ion Ratio Lower Upper
330 100
332 95.1 77.0 115.4
141 56.2 30.2 45.2#

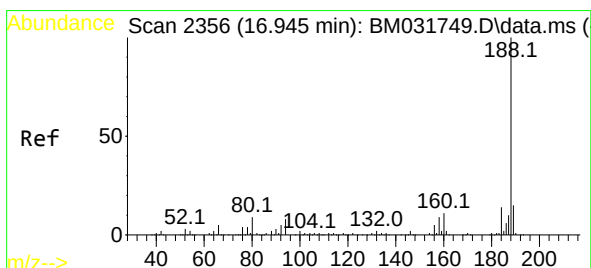
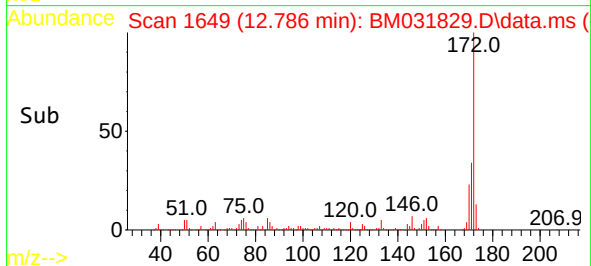
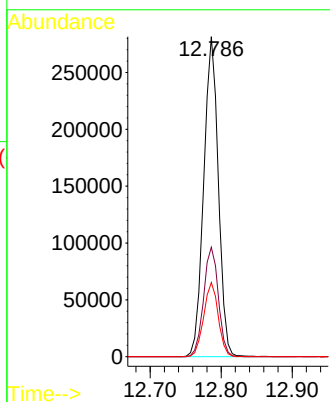
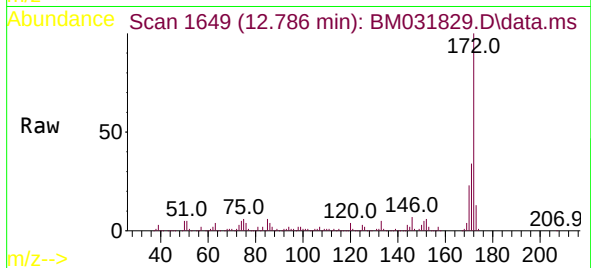




#45
2-Fluorobiphenyl
Concen: 56.841 ng
RT: 12.786 min Scan# 1649
Delta R.T. -0.006 min
Lab File: BM031829.D
Acq: 19 Aug 2021 15:34

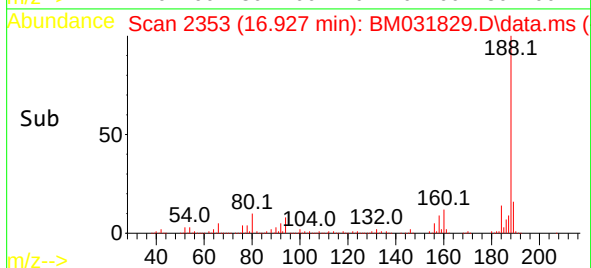
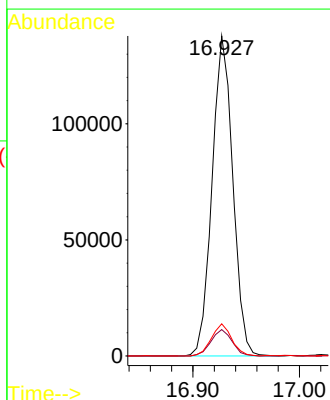
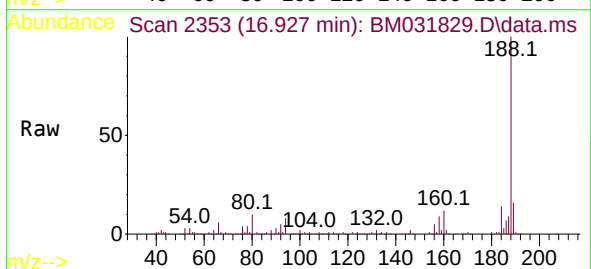
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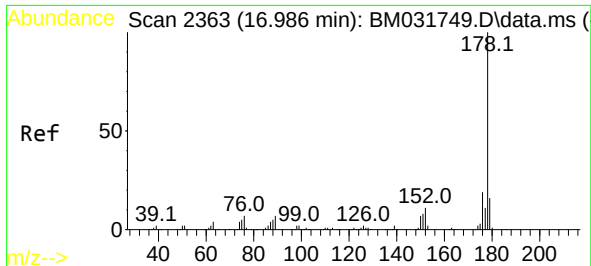
Tgt Ion:172 Resp: 402648
Ion Ratio Lower Upper
172 100
171 34.2 28.6 43.0
170 23.2 18.4 27.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.927 min Scan# 2353
Delta R.T. -0.006 min
Lab File: BM031829.D
Acq: 19 Aug 2021 15:34

Tgt Ion:188 Resp: 186383
Ion Ratio Lower Upper
188 100
94 8.2 6.0 9.0
80 10.1 6.6 9.8#

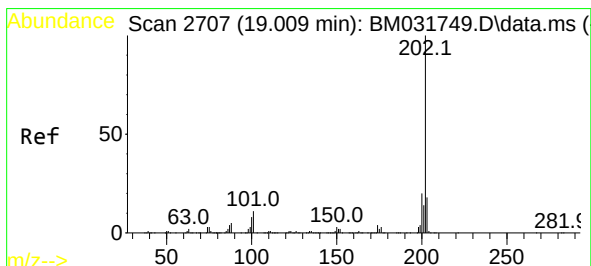
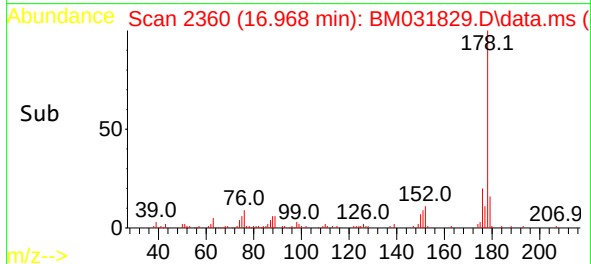
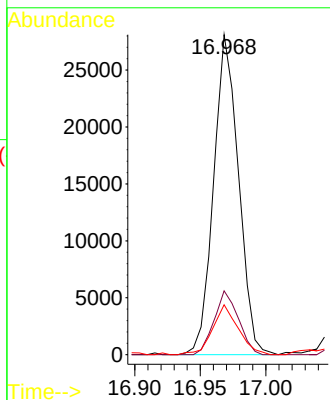
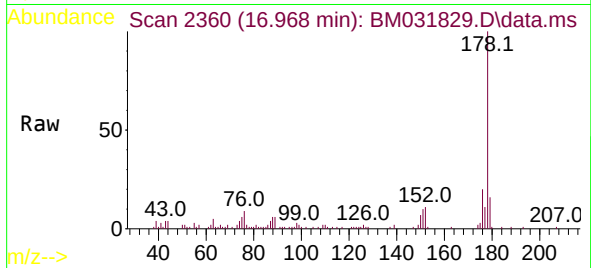




#71
Phenanthrene
Concen: 3.266 ng
RT: 16.968 min Scan# 2360
Delta R.T. -0.006 min
Lab File: BM031829.D
Acq: 19 Aug 2021 15:34

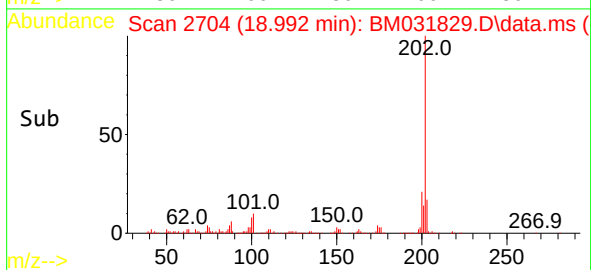
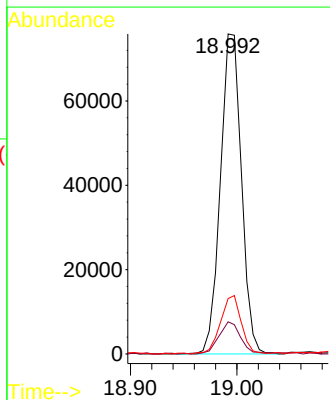
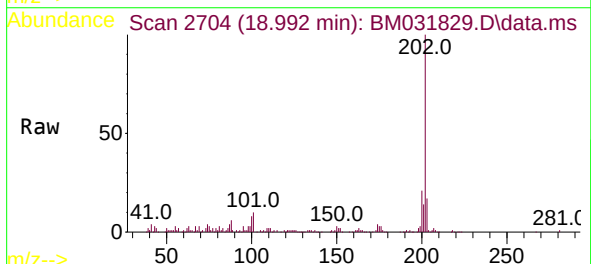
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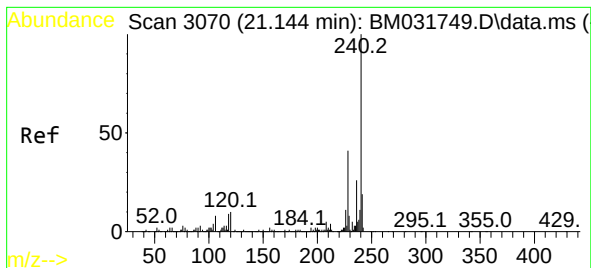
Tgt Ion:178 Resp: 37127
Ion Ratio Lower Upper
178 100
176 19.9 15.4 23.0
179 15.6 12.2 18.4



#75
Fluoranthene
Concen: 7.651 ng
RT: 18.992 min Scan# 2704
Delta R.T. -0.006 min
Lab File: BM031829.D
Acq: 19 Aug 2021 15:34

Tgt Ion:202 Resp: 104179
Ion Ratio Lower Upper
202 100
101 10.1 0.0 28.6
203 17.3 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: BM031829.D

Acq: 19 Aug 2021 15:34

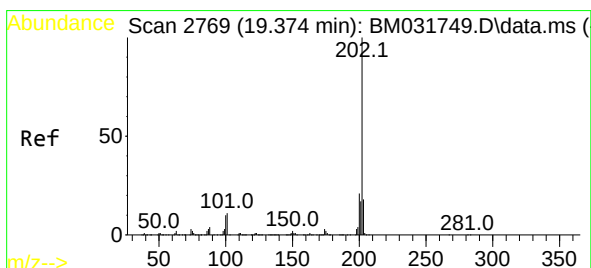
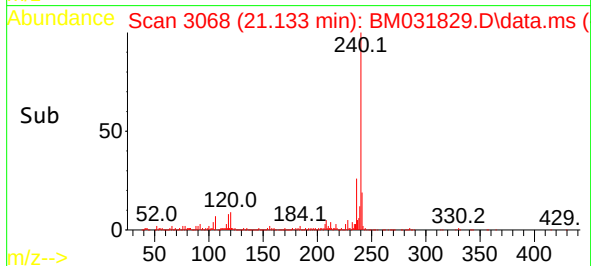
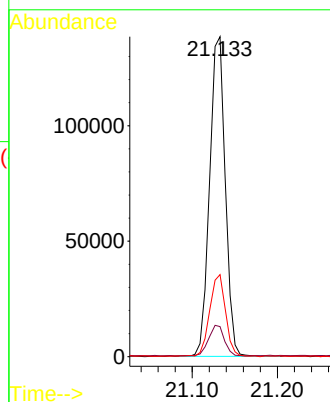
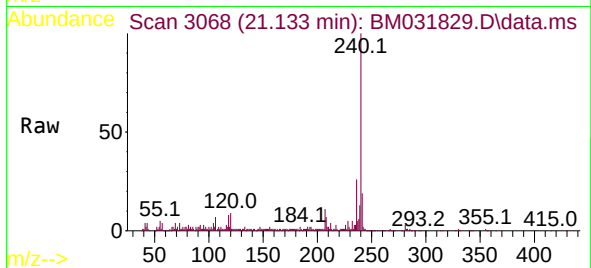
Tgt Ion:240	Resp:	176593
Ion Ratio	Lower	Upper
240	100	
120	9.4	7.0 10.6
236	25.7	21.0 31.4

Instrument :

BNA_M

ClientSampleId :

SWCS-21-0002



#78

Pyrene

Concen: 7.266 ng

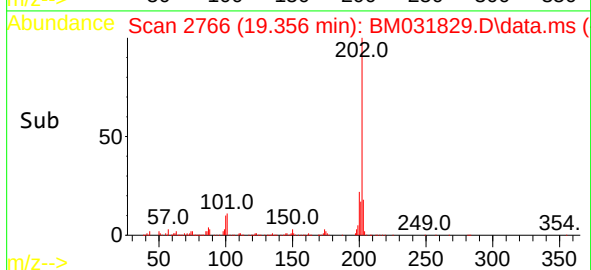
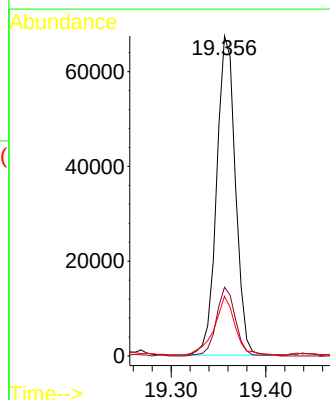
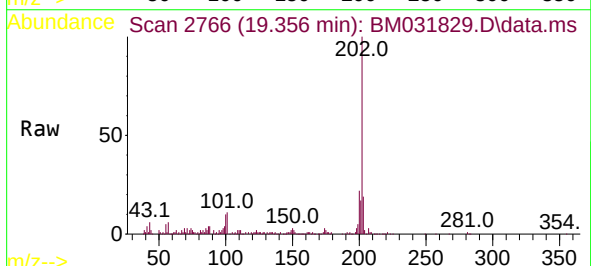
RT: 19.356 min Scan# 2766

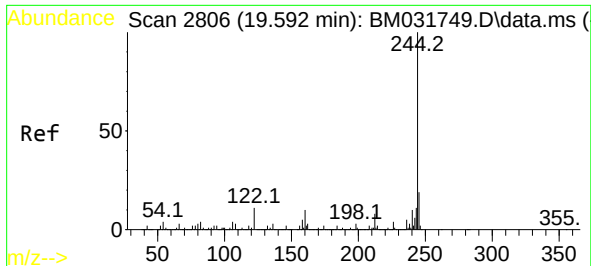
Delta R.T. -0.006 min

Lab File: BM031829.D

Acq: 19 Aug 2021 15:34

Tgt Ion:202	Resp:	92949
Ion Ratio	Lower	Upper
202	100	
200	21.5	17.3 25.9
203	18.6	13.9 20.9

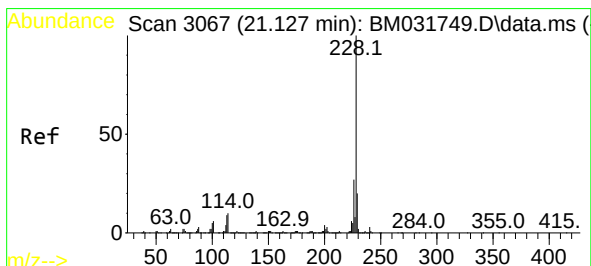
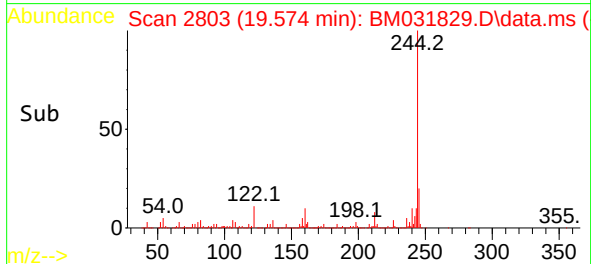
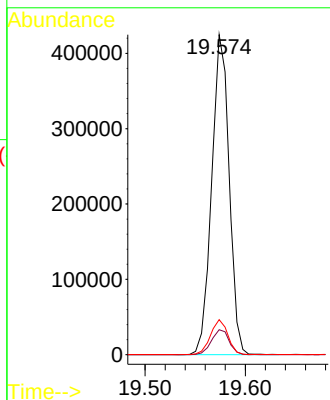
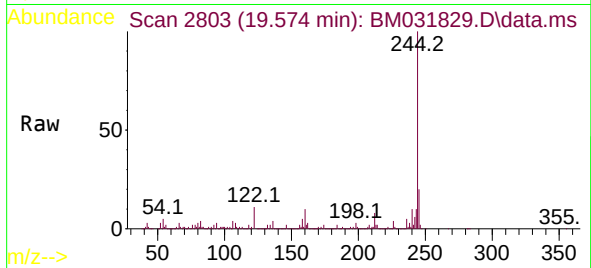




#79
Terphenyl-d14
Concen: 48.963 ng
RT: 19.574 min Scan# 2803
Delta R.T. -0.006 min
Lab File: BM031829.D
Acq: 19 Aug 2021 15:34

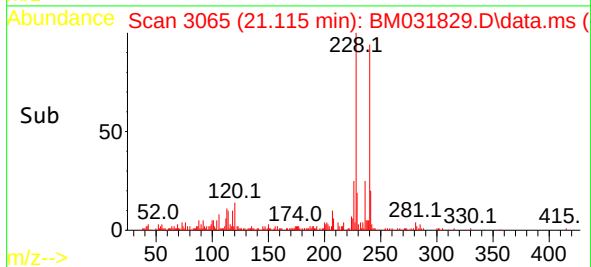
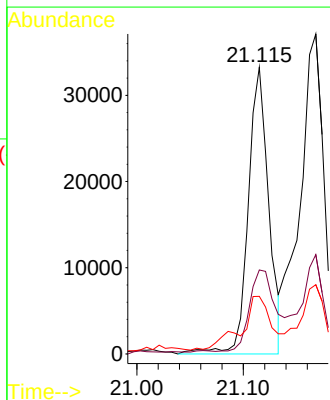
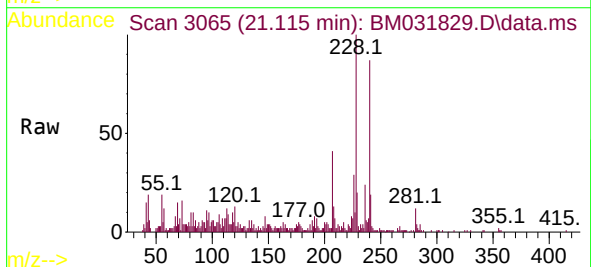
Instrument :
BNA_M
ClientSampleId :
SWCS-21-0002

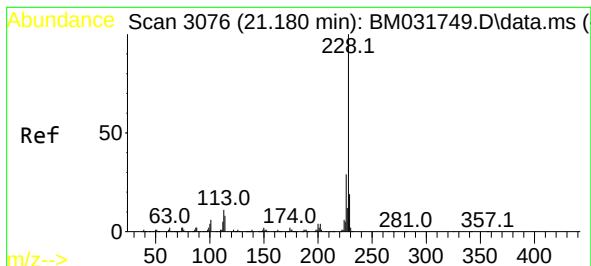
Tgt Ion:244 Resp: 513187
Ion Ratio Lower Upper
244 100
212 7.8 6.3 9.5
122 11.0 6.9 10.3#



#81
Benzo(a)anthracene
Concen: 3.436 ng
RT: 21.115 min Scan# 3065
Delta R.T. -0.006 min
Lab File: BM031829.D
Acq: 19 Aug 2021 15:34

Tgt Ion:228 Resp: 44448
Ion Ratio Lower Upper
228 100
226 29.3 22.3 33.5
229 20.1 15.7 23.5





#83

Chrysene

Concen: 4.551 ng

RT: 21.168 min Scan# 3074

Delta R.T. -0.006 min

Lab File: BM031829.D

Acq: 19 Aug 2021 15:34

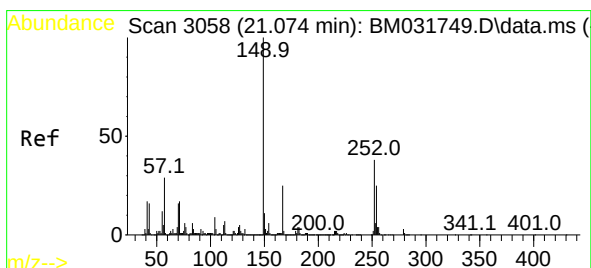
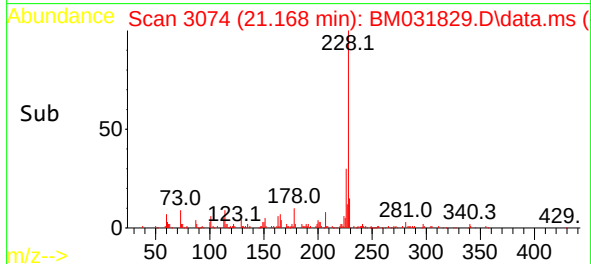
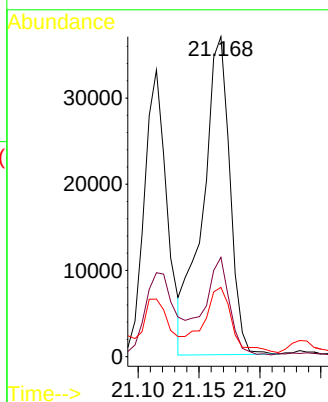
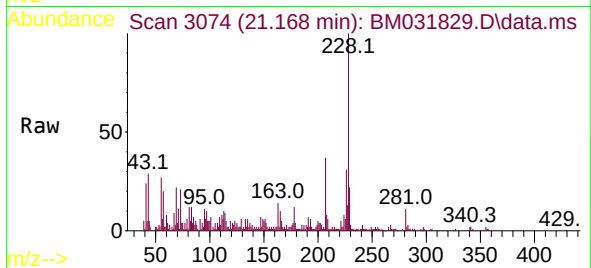
Tgt Ion:	228	Resp:	57385
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.6	36.8
229	21.7	15.5	23.3

Instrument :

BNA_M

ClientSampleId :

SWCS-21-0002



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.039 ng

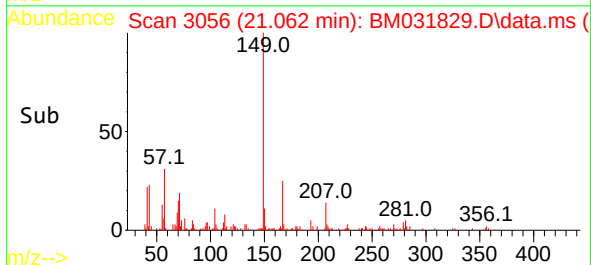
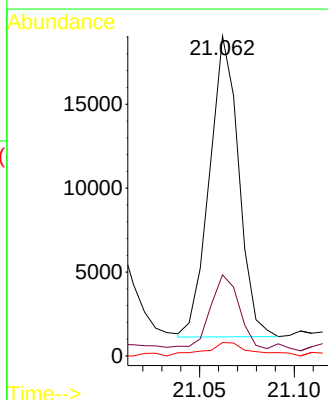
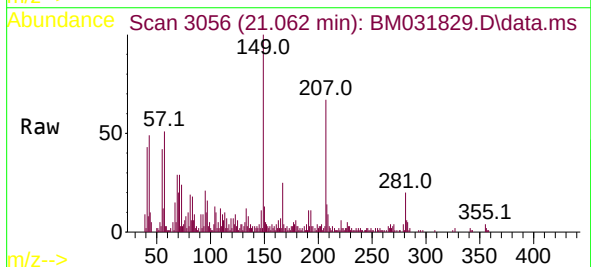
RT: 21.062 min Scan# 3056

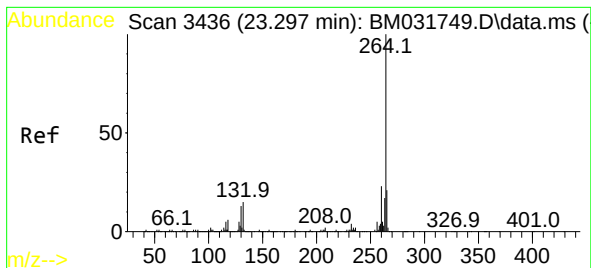
Delta R.T. -0.006 min

Lab File: BM031829.D

Acq: 19 Aug 2021 15:34

Tgt Ion:	149	Resp:	19321
Ion Ratio	Lower	Upper	
149	100		
167	25.3	22.6	33.8
279	4.2	3.8	5.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.280 min Scan# 3433

Delta R.T. -0.000 min

Lab File: BM031829.D

Acq: 19 Aug 2021 15:34

Tgt Ion:264 Resp: 183565

Ion Ratio Lower Upper

264 100

260 24.7 19.8 29.8

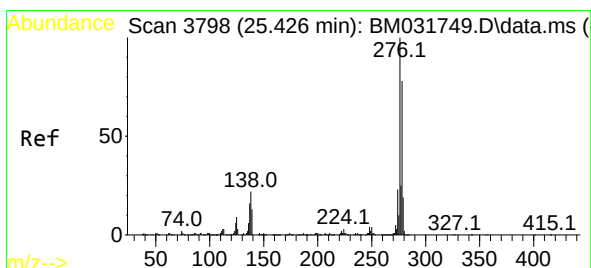
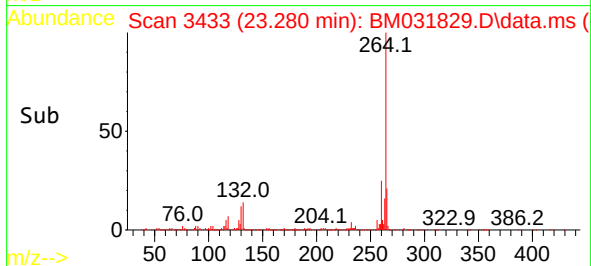
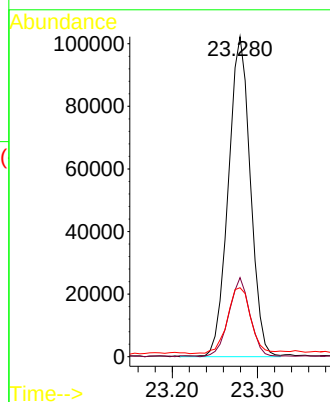
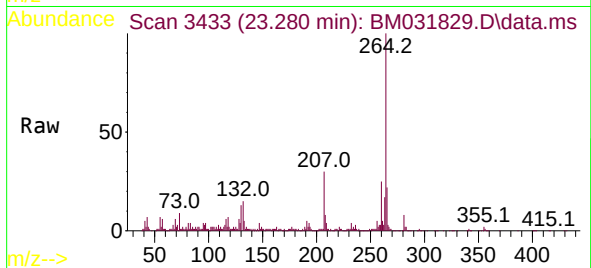
265 21.6 17.7 26.5

Instrument :

BNA_M

ClientSampleId :

SWCS-21-0002



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.103 ng

RT: 25.397 min Scan# 3793

Delta R.T. -0.012 min

Lab File: BM031829.D

Acq: 19 Aug 2021 15:34

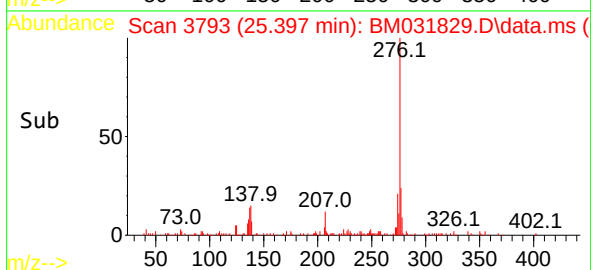
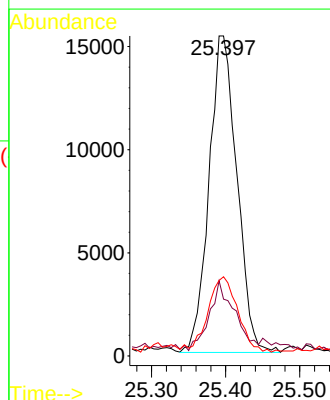
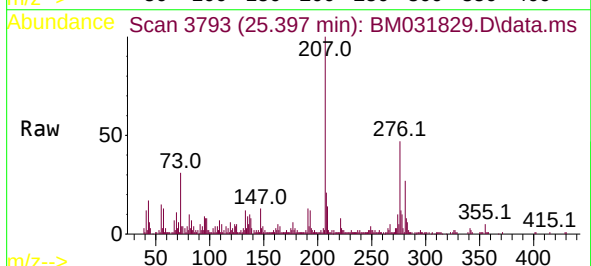
Tgt Ion:276 Resp: 40141

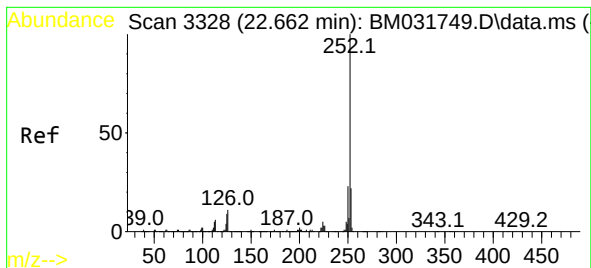
Ion Ratio Lower Upper

276 100

138 19.2 17.1 25.7

277 25.5 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 5.709 ng

RT: 22.644 min Scan# 3325

Delta R.T. -0.000 min

Lab File: BM031829.D

Acq: 19 Aug 2021 15:34

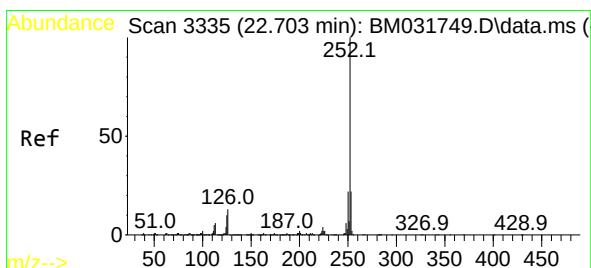
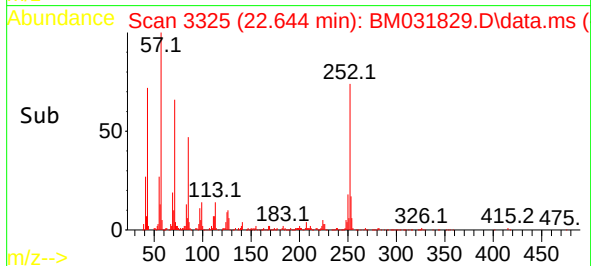
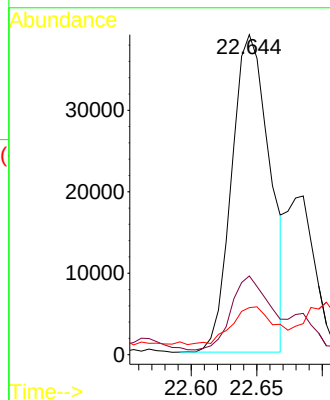
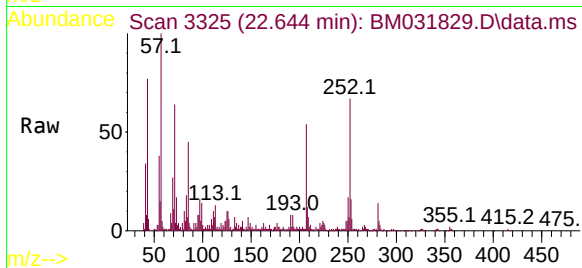
Tgt Ion:	252	Resp:	78687
Ion Ratio	Lower	Upper	
252	100		
253	24.6	17.4	26.0
125	14.7	6.8	10.2#

Instrument :

BNA_M

ClientSampleId :

SWCS-21-0002



#89

Benzo(k)fluoranthene

Concen: 5.915 ng

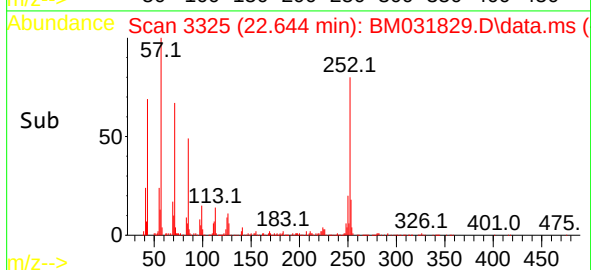
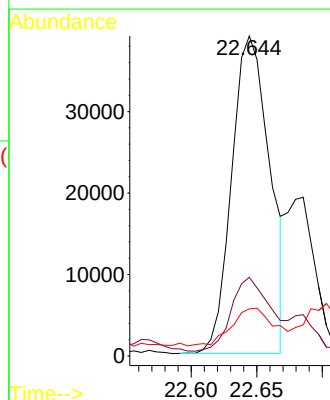
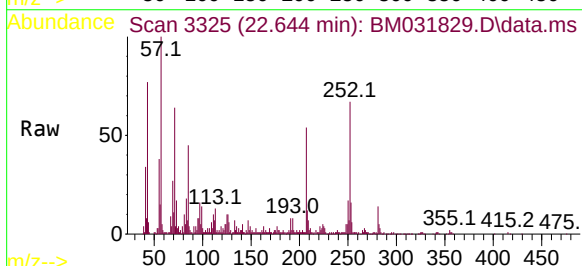
RT: 22.644 min Scan# 3325

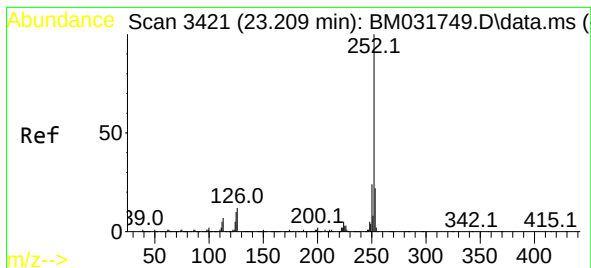
Delta R.T. -0.047 min

Lab File: BM031829.D

Acq: 19 Aug 2021 15:34

Tgt Ion:	252	Resp:	78687
Ion Ratio	Lower	Upper	
252	100		
253	24.6	17.4	26.2
125	14.7	6.2	9.2#

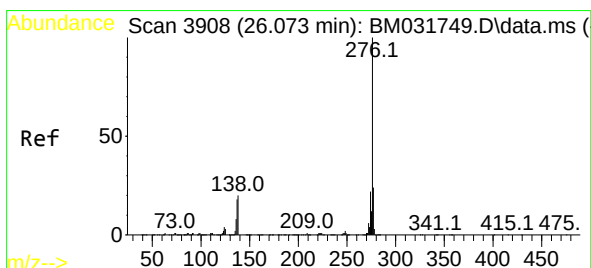
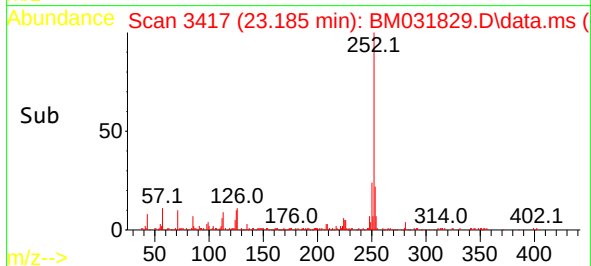
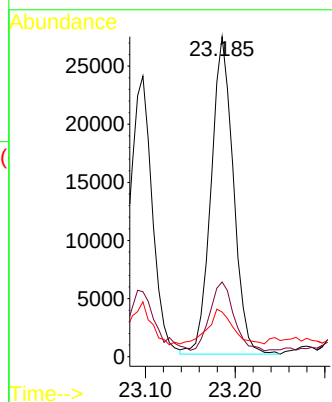
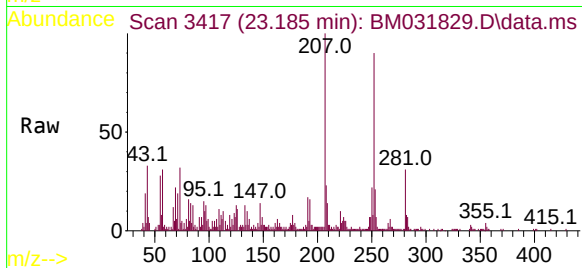




#90
Benzo(a)pyrene
Concen: 3.855 ng
RT: 23.185 min Scan# 3417
Delta R.T. -0.006 min
Lab File: BM031829.D
Acq: 19 Aug 2021 15:34

Instrument :
BNA_M
ClientSampleId :
SWCS-21-0002

Tgt Ion:252 Resp: 47039
Ion Ratio Lower Upper
252 100
253 23.4 17.7 26.5
125 13.9 7.3 10.9#



#92
Benzo(g,h,i)perylene
Concen: 3.786 ng
RT: 26.044 min Scan# 3903
Delta R.T. -0.006 min
Lab File: BM031829.D
Acq: 19 Aug 2021 15:34

Tgt Ion:276 Resp: 39223
Ion Ratio Lower Upper
276 100
277 23.7 19.4 29.2
138 21.7 14.4 21.6#

