

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082021\
 Data File : BM031848.D
 Acq On : 20 Aug 2021 19:04
 Operator : CG/JU
 Sample : M3397-15
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SWCS-06-0205

Quant Time: Aug 21 04:25:07 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)

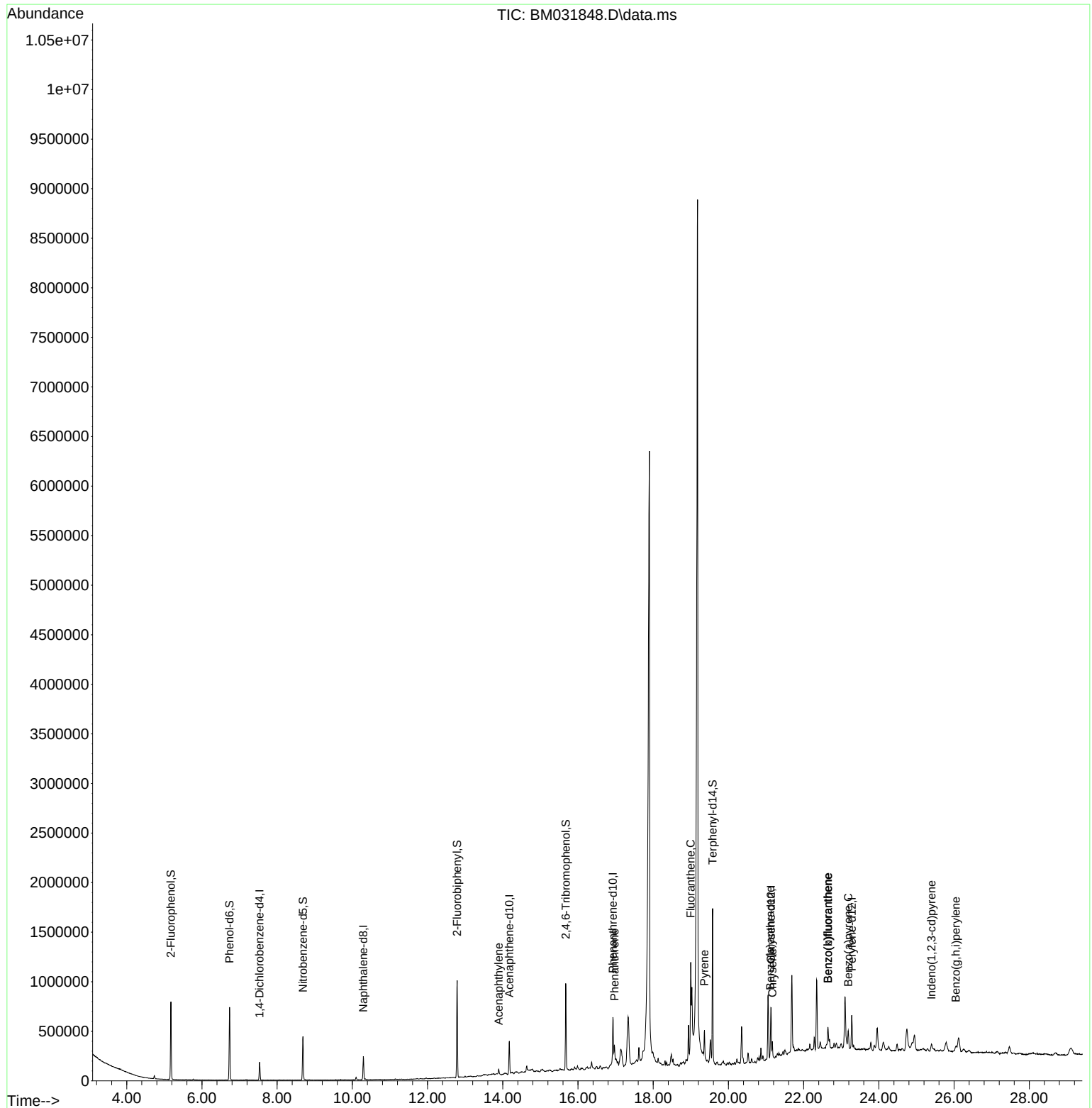
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.534	152	40111	20.000	ng	0.00
21) Naphthalene-d8	10.293	136	167381	20.000	ng	# 0.00
39) Acenaphthene-d10	14.175	164	103906	20.000	ng	0.00
64) Phenanthrene-d10	16.928	188	204707	20.000	ng	# 0.00
76) Chrysene-d12	21.133	240	189466	20.000	ng	0.00
86) Perylene-d12	23.280	264	192340	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	266393	106.594	ng	0.00
7) Phenol-d6	6.734	99	327369	90.401	ng	0.00
23) Nitrobenzene-d5	8.687	82	232217	58.090	ng	0.00
42) 2,4,6-Tribromophenol	15.675	330	108620	84.877	ng	0.00
45) 2-Fluorobiphenyl	12.787	172	429176	54.976	ng	0.00
79) Terphenyl-d14	19.580	244	608365	54.100	ng	0.00
Target Compounds						
						Qvalue
49) Acenaphthylene	13.892	152	33146	3.154	ng	98
71) Phenanthrene	16.969	178	76158	6.100	ng	99
75) Fluoranthene	18.998	202	179865	12.028	ng	97
78) Pyrene	19.363	202	158023	11.513	ng	99
81) Benzo(a)anthracene	21.115	228	81089	5.843	ng	94
83) Chrysene	21.168	228	82582	6.105	ng	97
87) Indeno(1,2,3-cd)pyrene	25.398	276	61359	4.527	ng	98
88) Benzo(b)fluoranthene	22.645	252	118847	8.230	ng	# 93
89) Benzo(k)fluoranthene	22.645	252	118847	8.526	ng	# 93
90) Benzo(a)pyrene	23.186	252	81347	6.362	ng	# 95
92) Benzo(g,h,i)perylene	26.045	276	59244	5.458	ng	97

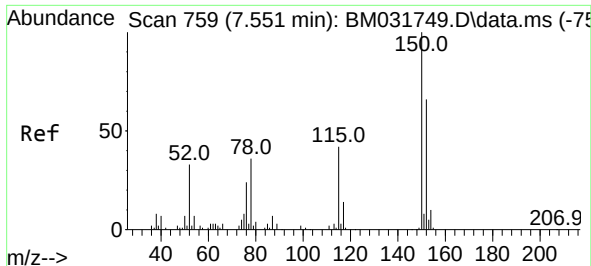
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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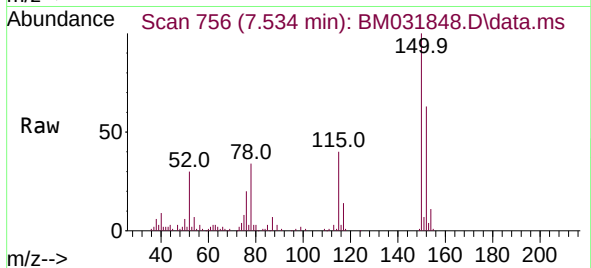
Quant Time: Aug 21 04:25:07 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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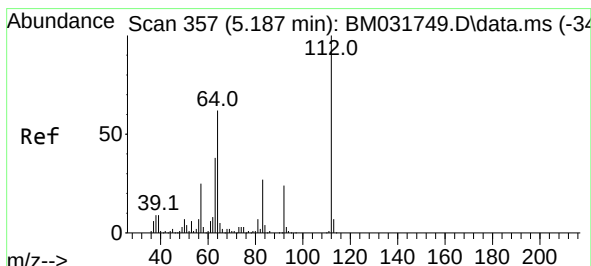
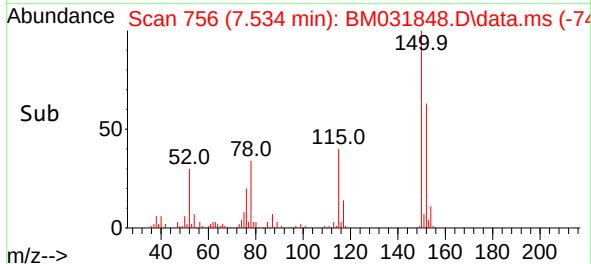
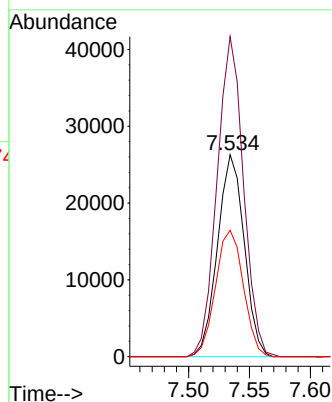


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BM031848.D
Acq: 20 Aug 2021 19:04

Instrument :
BNA_M
ClientSampleId :
SWCS-06-0205

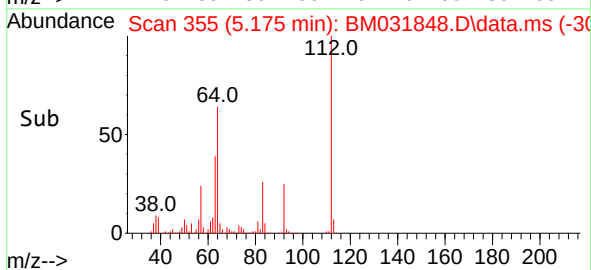
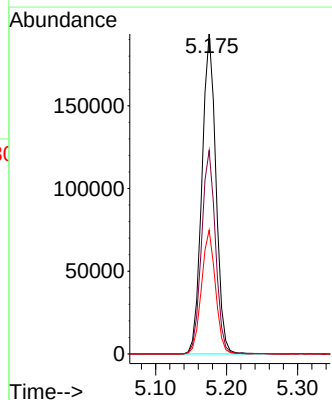
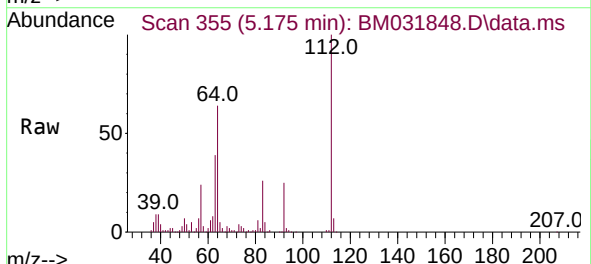


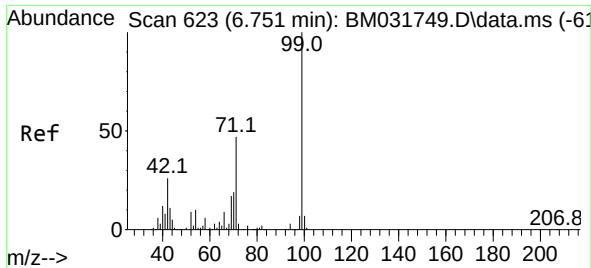
Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.5	125.9	188.9
115	62.6	44.6	67.0



#5
2-Fluorophenol
Concen: 106.594 ng
RT: 5.175 min Scan# 355
Delta R.T. 0.000 min
Lab File: BM031848.D
Acq: 20 Aug 2021 19:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.6	47.1	70.7
63	38.7	27.3	40.9

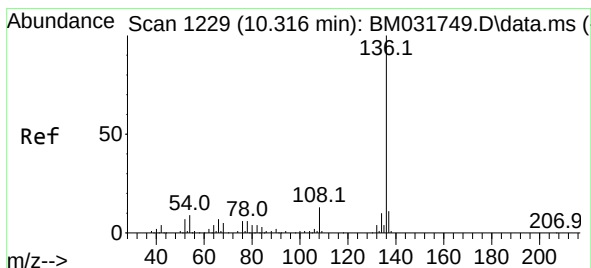
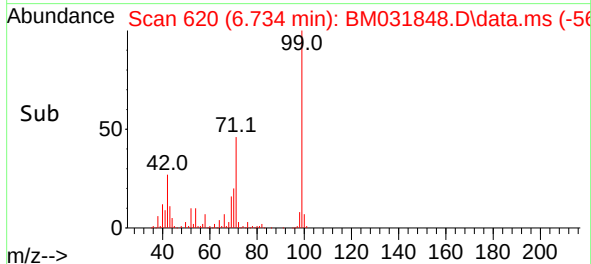
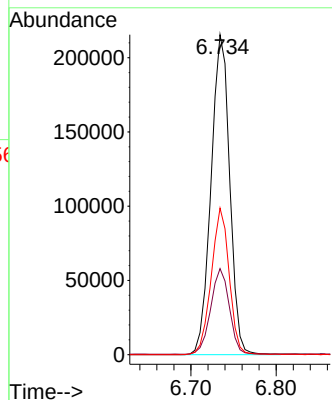
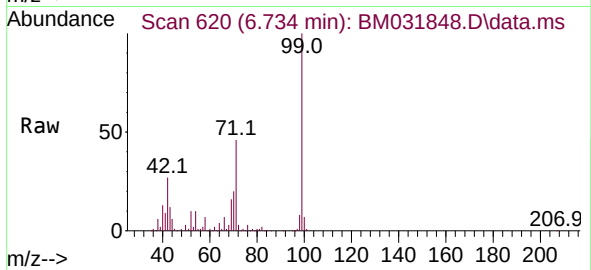




#7
Phenol-d6
Concen: 90.401 ng
RT: 6.734 min Scan# 620
Delta R.T. 0.000 min
Lab File: BM031848.D
Acq: 20 Aug 2021 19:04

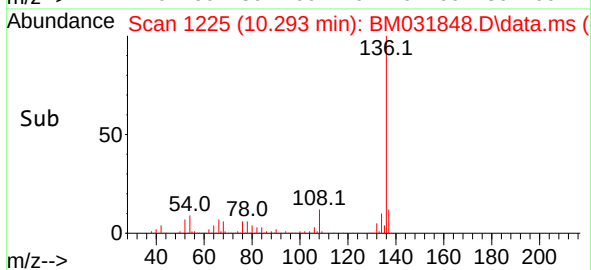
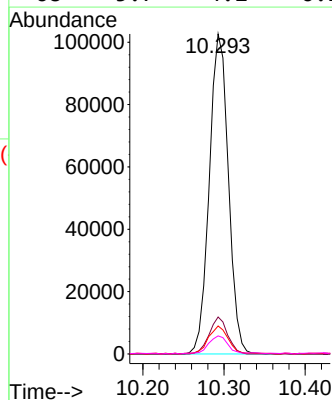
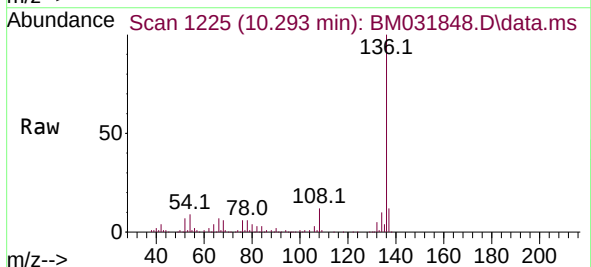
Instrument :
BNA_M
ClientSampleId :
SWCS-06-0205

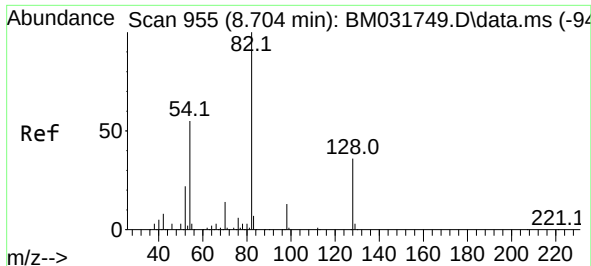
Tgt Ion: 99 Resp: 327369
Ion Ratio Lower Upper
99 100
42 26.9 18.0 27.0
71 45.8 30.9 46.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.293 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BM031848.D
Acq: 20 Aug 2021 19:04

Tgt Ion: 136 Resp: 167381
Ion Ratio Lower Upper
136 100
137 11.6 8.4 12.6
54 8.7 5.5 8.3#
68 5.7 4.2 6.2

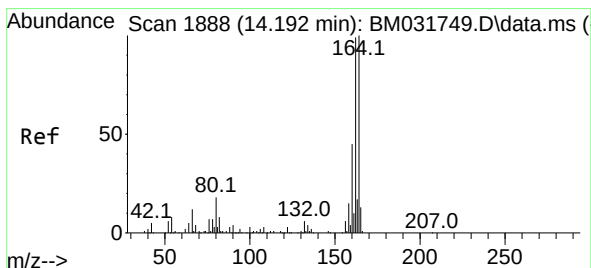
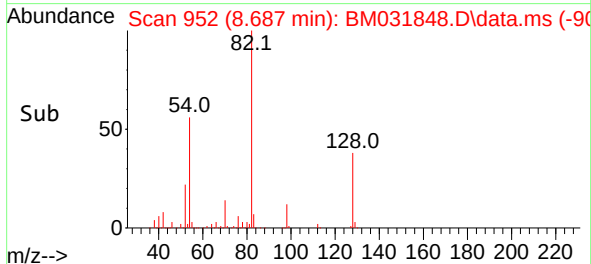
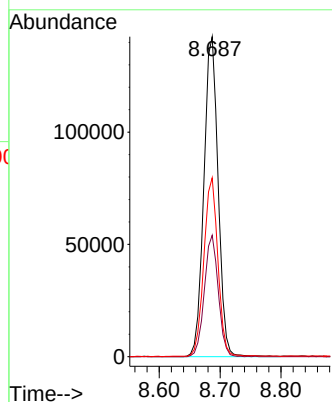
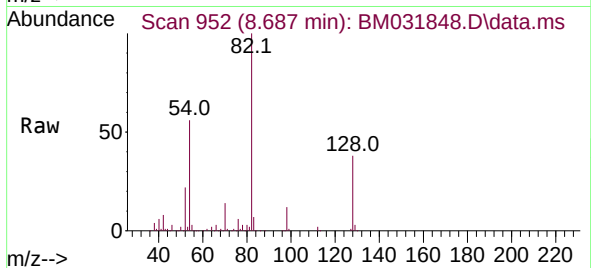




#23
Nitrobenzene-d5
Concen: 58.090 ng
RT: 8.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BM031848.D
Acq: 20 Aug 2021 19:04

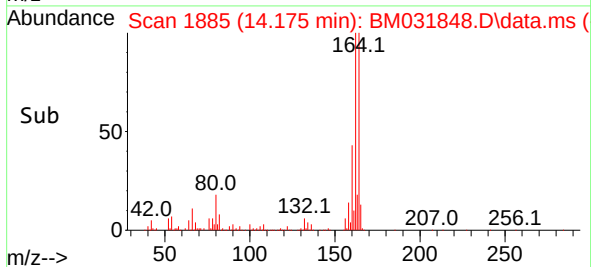
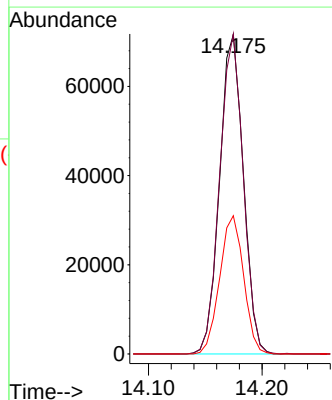
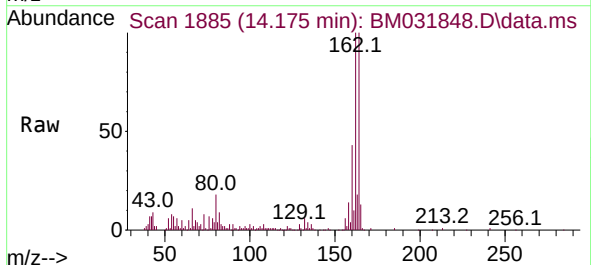
Instrument :
BNA_M
ClientSampleId :
SWCS-06-0205

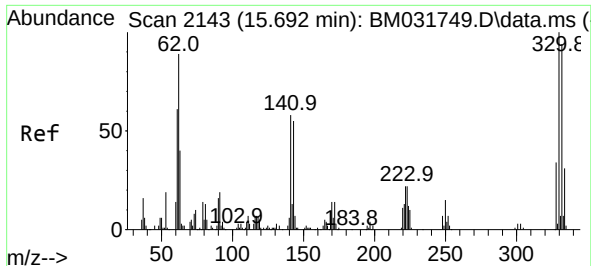
Tgt Ion: 82 Resp: 232217
Ion Ratio Lower Upper
82 100
128 37.9 31.1 46.7
54 55.9 37.3 55.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.175 min Scan# 1885
Delta R.T. -0.006 min
Lab File: BM031848.D
Acq: 20 Aug 2021 19:04

Tgt Ion: 164 Resp: 103906
Ion Ratio Lower Upper
164 100
162 100.2 83.4 125.0
160 43.3 37.2 55.8

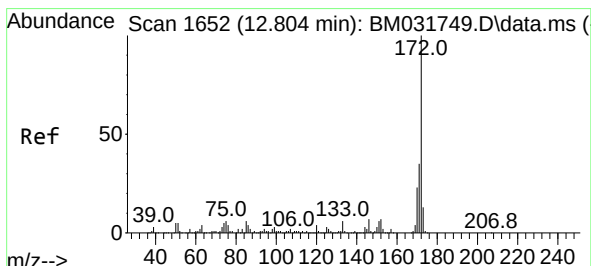
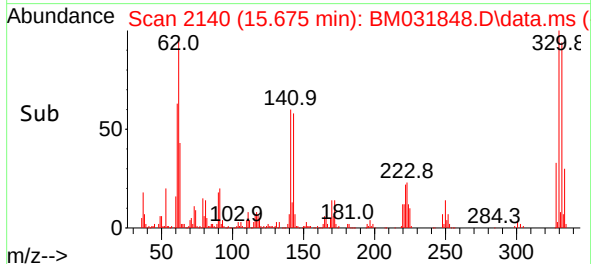
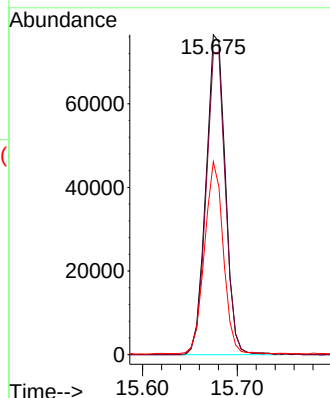
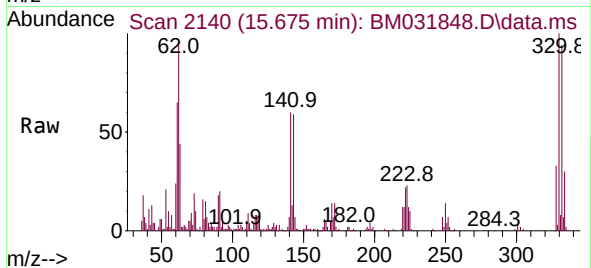




#42
2,4,6-Tribromophenol
Concen: 84.877 ng
RT: 15.675 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BM031848.D
Acq: 20 Aug 2021 19:04

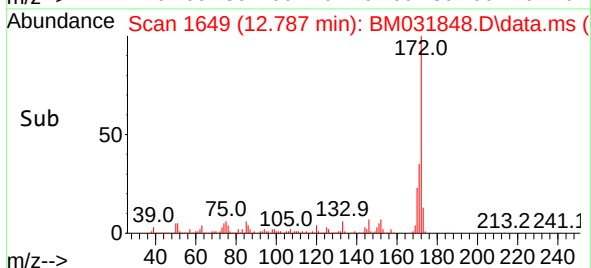
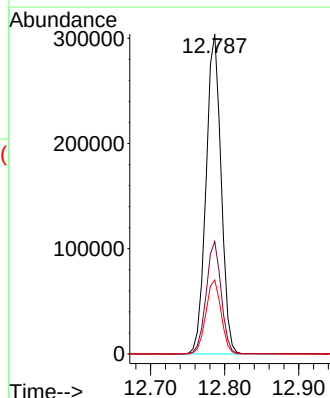
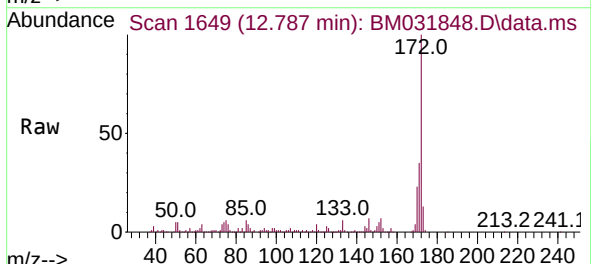
Instrument :
BNA_M
ClientSampleId :
SWCS-06-0205

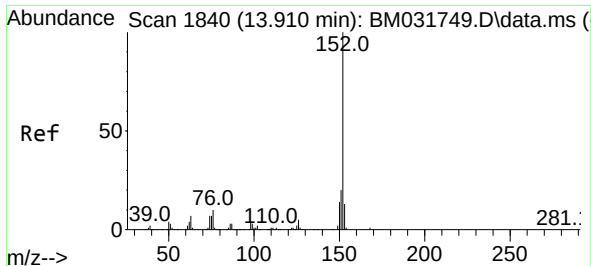
Tgt Ion:330 Resp: 108620
Ion Ratio Lower Upper
330 100
332 94.9 77.0 115.4
141 57.8 30.2 45.2#



#45
2-Fluorobiphenyl
Concen: 54.976 ng
RT: 12.787 min Scan# 1649
Delta R.T. -0.006 min
Lab File: BM031848.D
Acq: 20 Aug 2021 19:04

Tgt Ion:172 Resp: 429176
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.1 18.4 27.6

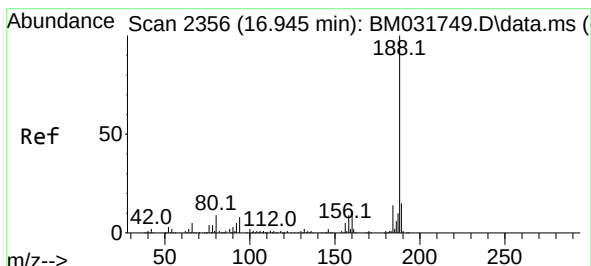
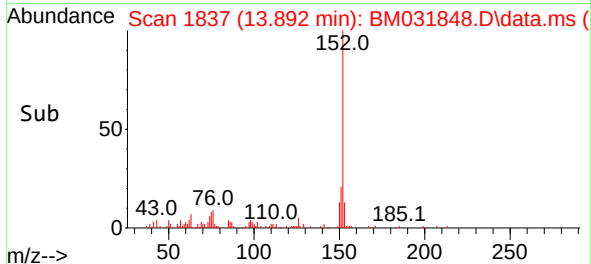
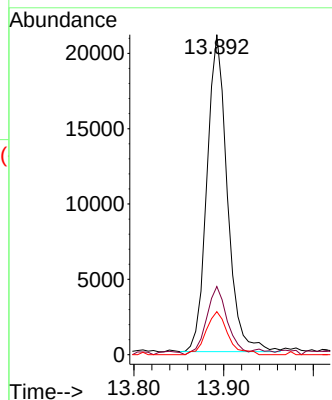
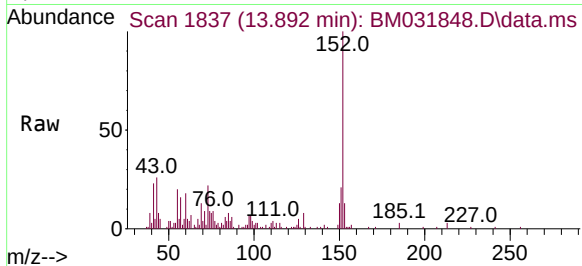




#49
Acenaphthylene
Concen: 3.154 ng
RT: 13.892 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BM031848.D
Acq: 20 Aug 2021 19:04

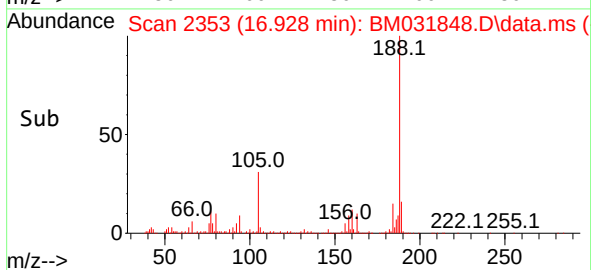
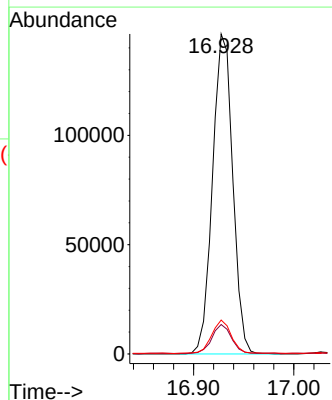
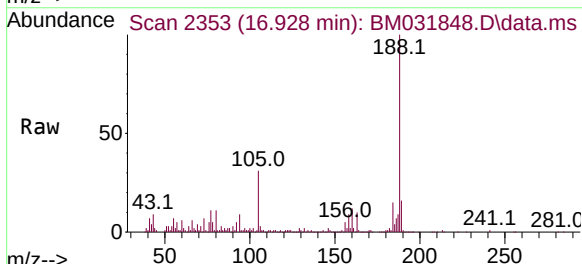
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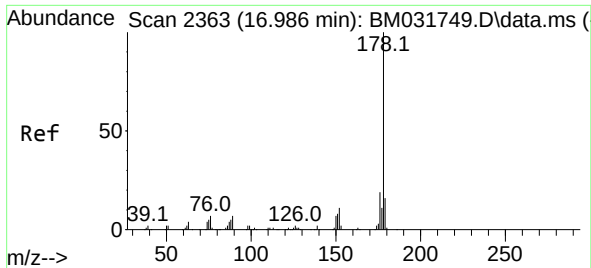
Tgt Ion:152	Resp:	33146
Ion Ratio	Lower	Upper
152	100	
151	21.3	16.3 24.5
153	13.4	10.2 15.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.928 min Scan# 2353
Delta R.T. -0.006 min
Lab File: BM031848.D
Acq: 20 Aug 2021 19:04

Tgt Ion:188	Resp:	204707
Ion Ratio	Lower	Upper
188	100	
94	9.2	6.0 9.0#
80	10.6	6.6 9.8#

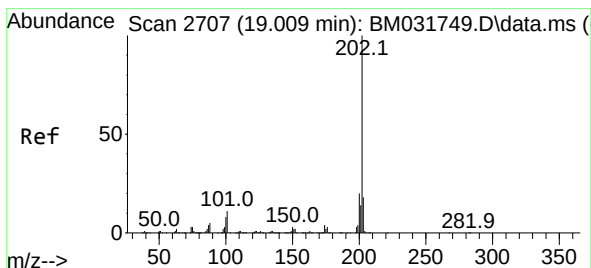
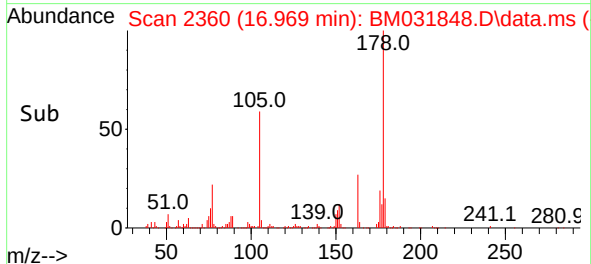
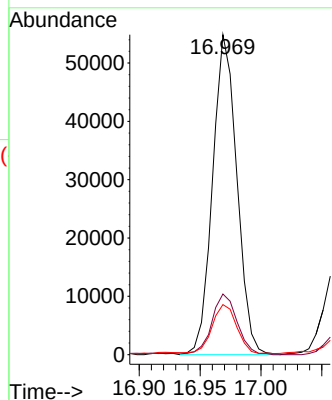
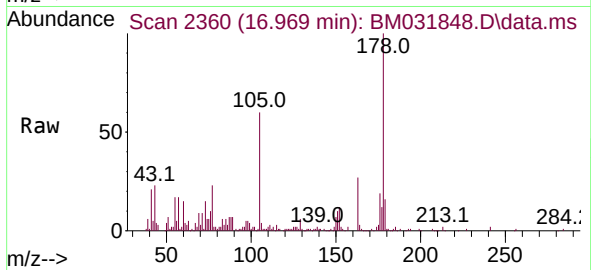




#71
Phenanthrene
Concen: 6.100 ng
RT: 16.969 min Scan# 2360
Delta R.T. -0.006 min
Lab File: BM031848.D
Acq: 20 Aug 2021 19:04

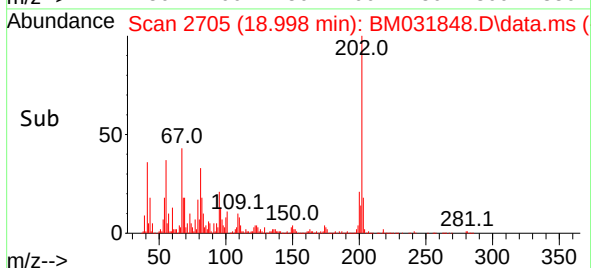
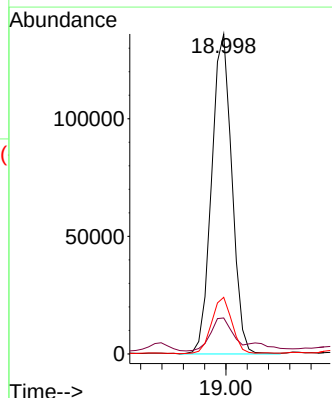
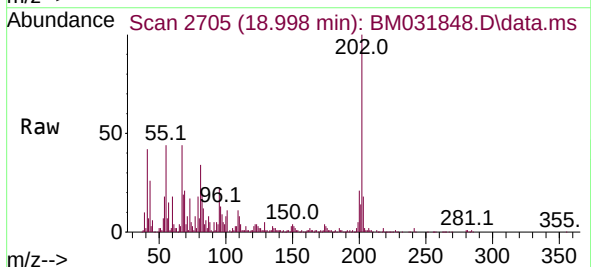
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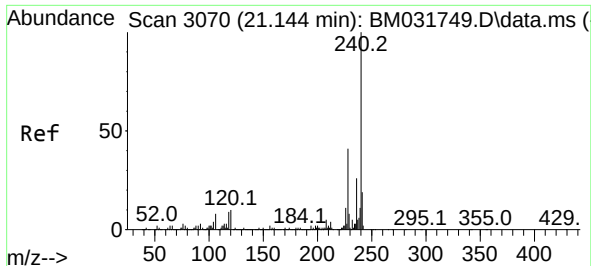
Tgt Ion:178 Resp: 76158
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.7 12.2 18.4



#75
Fluoranthene
Concen: 12.028 ng
RT: 18.998 min Scan# 2705
Delta R.T. 0.000 min
Lab File: BM031848.D
Acq: 20 Aug 2021 19:04

Tgt Ion:202 Resp: 179865
Ion Ratio Lower Upper
202 100
101 11.3 0.0 28.6
203 17.7 0.0 37.3

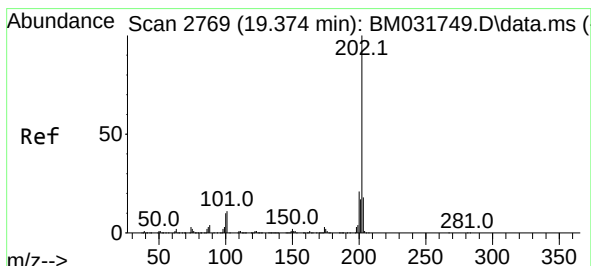
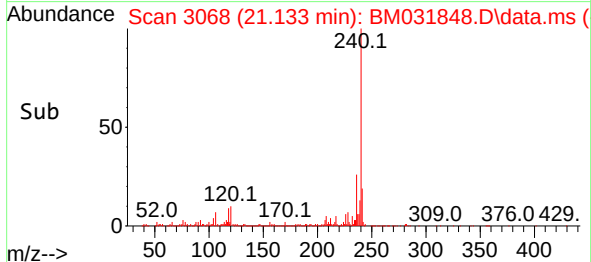
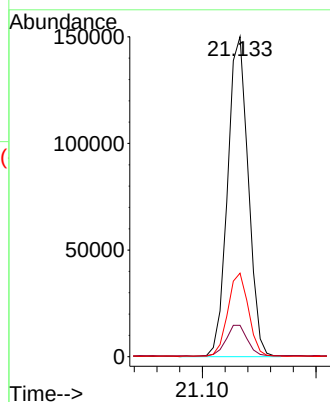
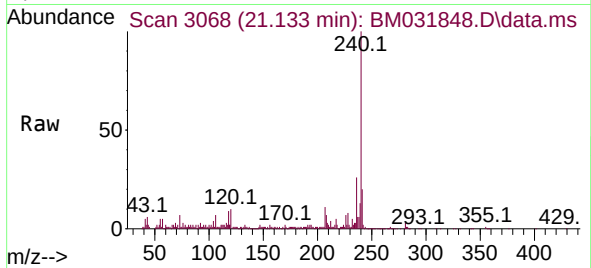




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.133 min Scan# 3068
Delta R.T. 0.000 min
Lab File: BM031848.D
Acq: 20 Aug 2021 19:04

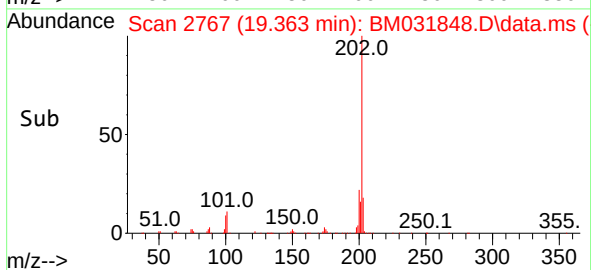
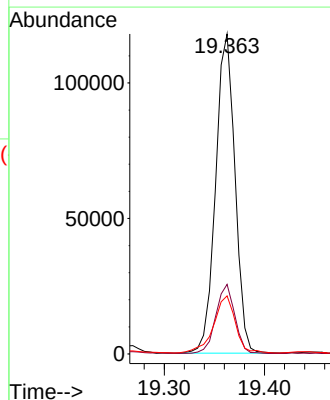
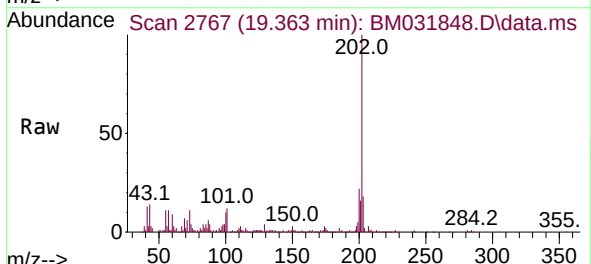
Instrument :
BNA_M
ClientSampleId :
SWCS-06-0205

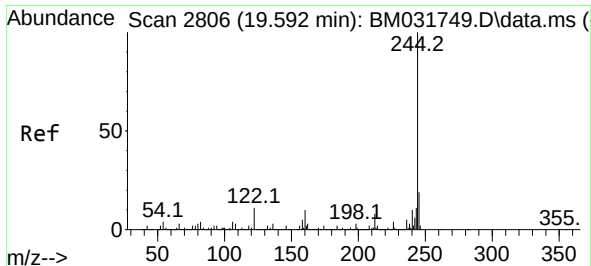
Tgt Ion:240 Resp: 189466
Ion Ratio Lower Upper
240 100
120 9.8 7.0 10.6
236 26.1 21.0 31.4



#78
Pyrene
Concen: 11.513 ng
RT: 19.363 min Scan# 2767
Delta R.T. 0.000 min
Lab File: BM031848.D
Acq: 20 Aug 2021 19:04

Tgt Ion:202 Resp: 158023
Ion Ratio Lower Upper
202 100
200 21.7 17.3 25.9
203 18.2 13.9 20.9

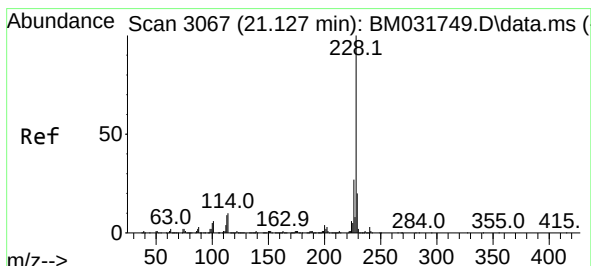
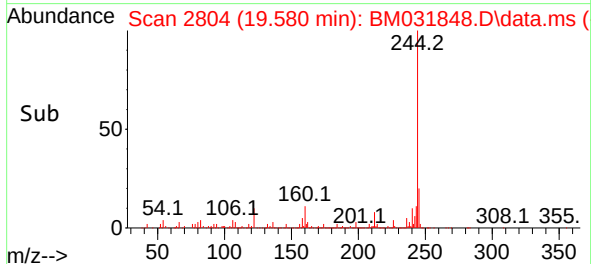
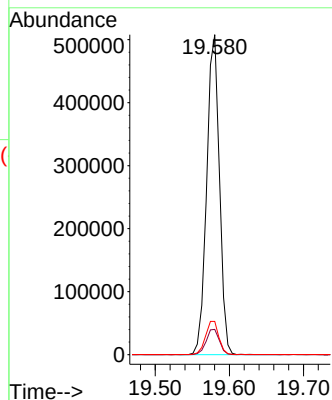
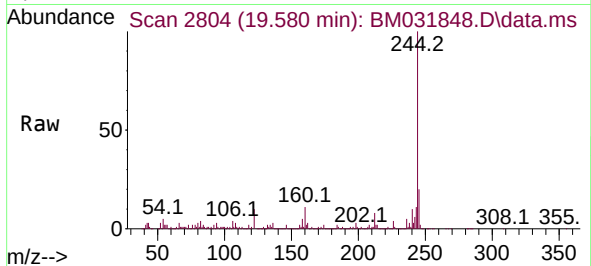




#79
 Terphenyl-d14
 Concen: 54.100 ng
 RT: 19.580 min Scan# 2804
 Delta R.T. 0.000 min
 Lab File: BM031848.D
 Acq: 20 Aug 2021 19:04

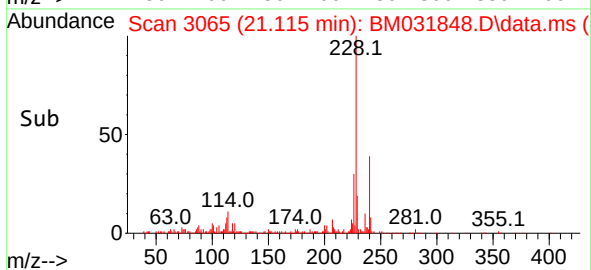
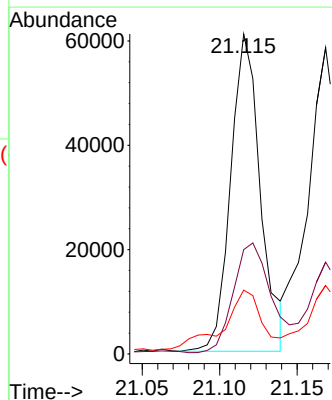
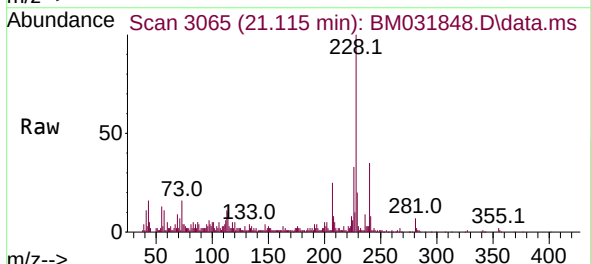
Instrument :
 BNA_M
 ClientSampleId :
 SWCS-06-0205

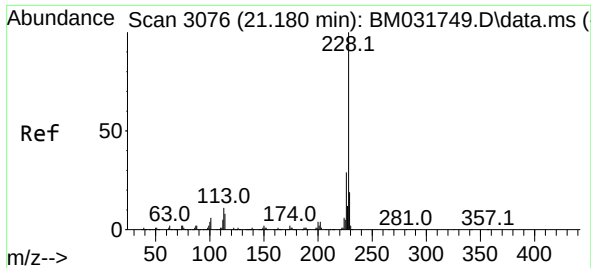
Tgt Ion:244 Resp: 608365
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 10.4 6.9 10.3#



#81
 Benzo(a)anthracene
 Concen: 5.843 ng
 RT: 21.115 min Scan# 3065
 Delta R.T. -0.006 min
 Lab File: BM031848.D
 Acq: 20 Aug 2021 19:04

Tgt Ion:228 Resp: 81089
 Ion Ratio Lower Upper
 228 100
 226 32.6 22.3 33.5
 229 20.0 15.7 23.5

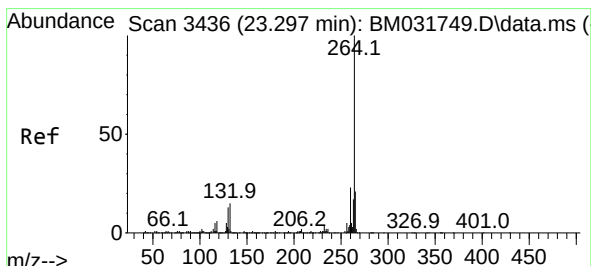
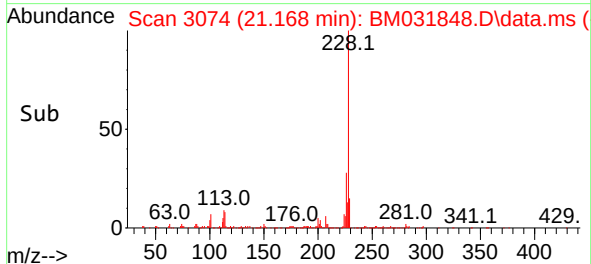
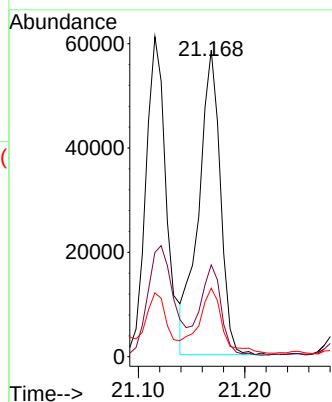
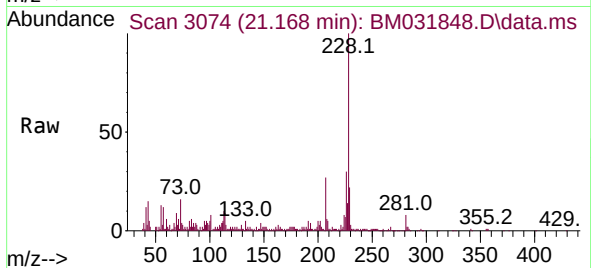




#83
Chrysene
Concen: 6.105 ng
RT: 21.168 min Scan# 3074
Delta R.T. -0.006 min
Lab File: BM031848.D
Acq: 20 Aug 2021 19:04

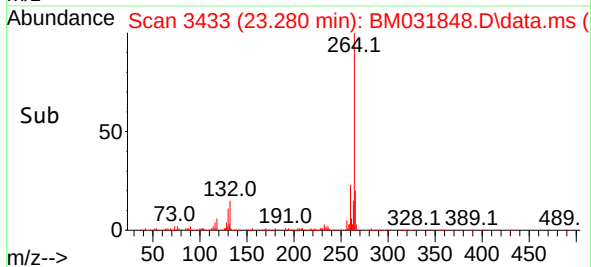
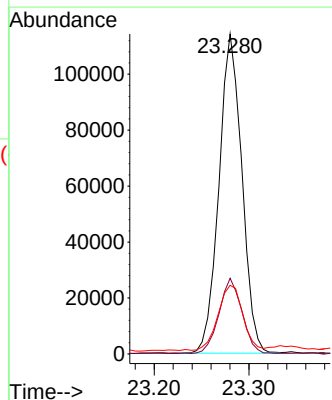
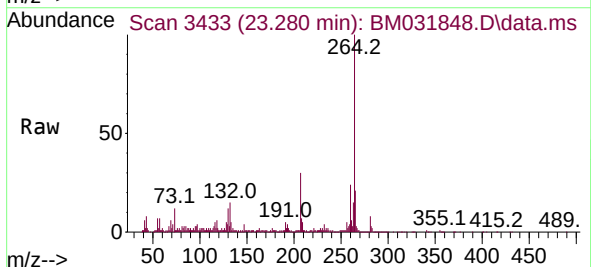
Instrument :
BNA_M
ClientSampleId :
SWCS-06-0205

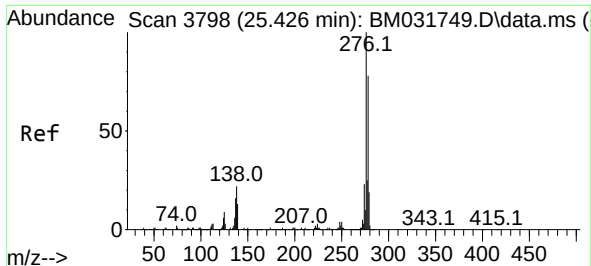
Tgt Ion:228	Resp:	82582
Ion Ratio	Lower	Upper
228	100	
226	30.0	24.6 36.8
229	22.4	15.5 23.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.280 min Scan# 3433
Delta R.T. 0.000 min
Lab File: BM031848.D
Acq: 20 Aug 2021 19:04

Tgt Ion:264	Resp:	192340
Ion Ratio	Lower	Upper
264	100	
260	23.6	19.8 29.8
265	21.4	17.7 26.5

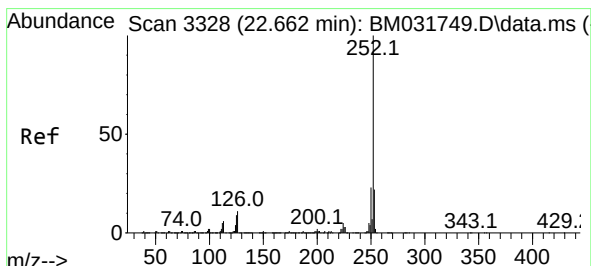
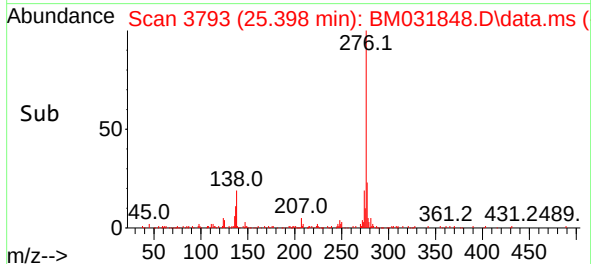
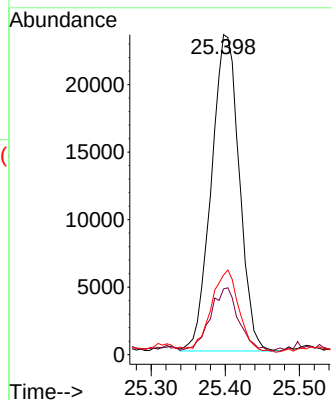
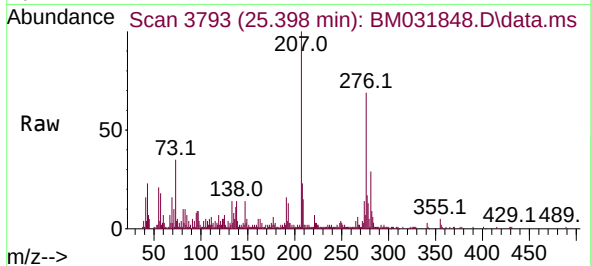




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.527 ng
RT: 25.398 min Scan# 3793
Delta R.T. -0.011 min
Lab File: BM031848.D
Acq: 20 Aug 2021 19:04

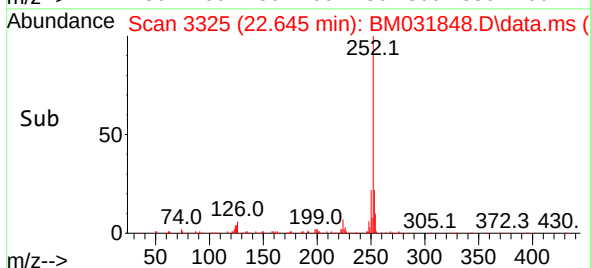
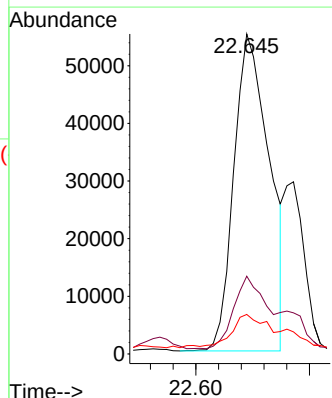
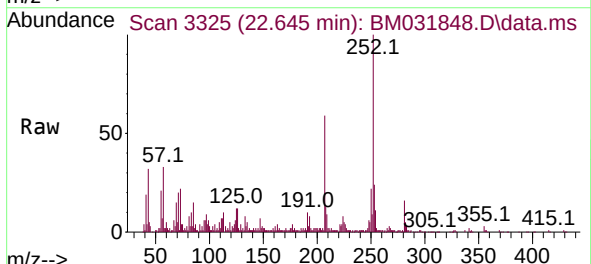
Instrument :
BNA_M
ClientSampleId :
SWCS-06-0205

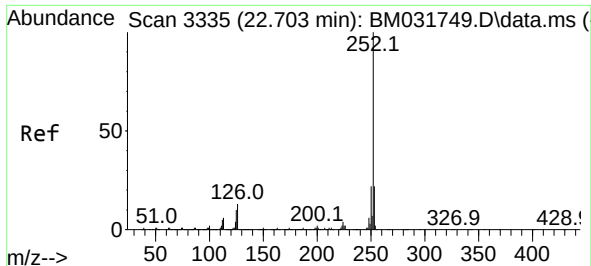
Tgt Ion:	276	Resp:	61359
Ion Ratio	Lower	Upper	
276	100		
138	20.5	17.1	25.7
277	26.0	20.3	30.5



#88
Benzo(b)fluoranthene
Concen: 8.230 ng
RT: 22.645 min Scan# 3325
Delta R.T. 0.000 min
Lab File: BM031848.D
Acq: 20 Aug 2021 19:04

Tgt Ion:	252	Resp:	118847
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.4	26.0
125	12.4	6.8	10.2





#89

Benzo(k)fluoranthene

Concen: 8.526 ng

RT: 22.645 min Scan# 3325

Delta R.T. -0.047 min

Lab File: BM031848.D

Acq: 20 Aug 2021 19:04

Instrument :

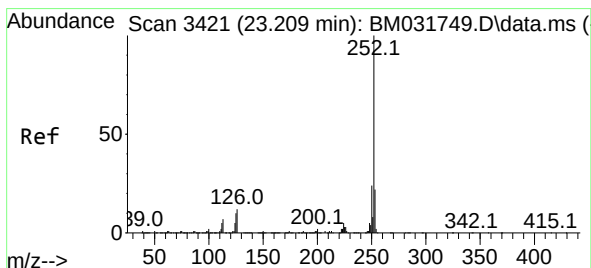
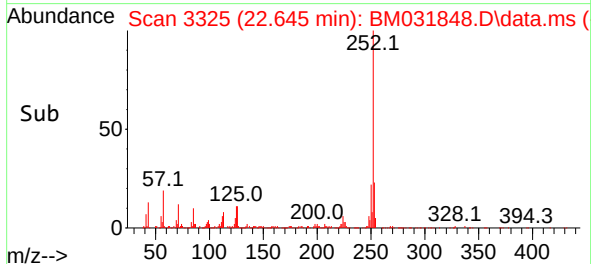
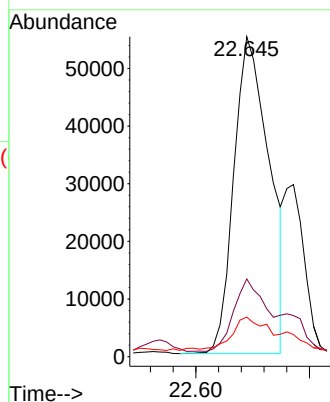
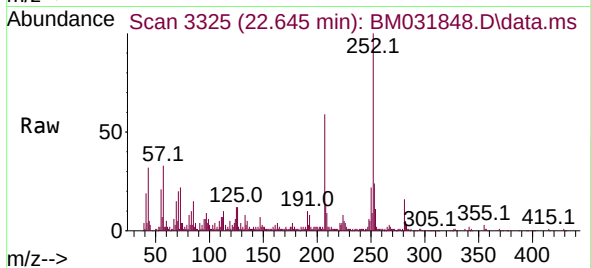
BNA_M

ClientSampleId :

SWCS-06-0205

Tgt Ion:252 Resp: 118847

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.4	26.2
125	12.4	6.2	9.2#



#90

Benzo(a)pyrene

Concen: 6.362 ng

RT: 23.186 min Scan# 3417

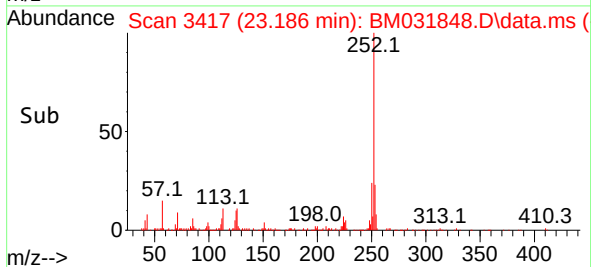
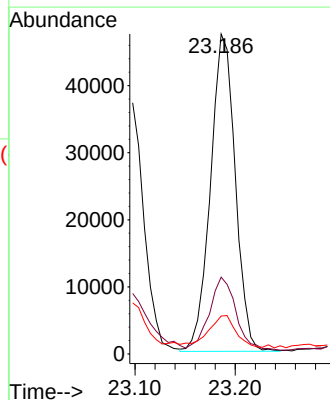
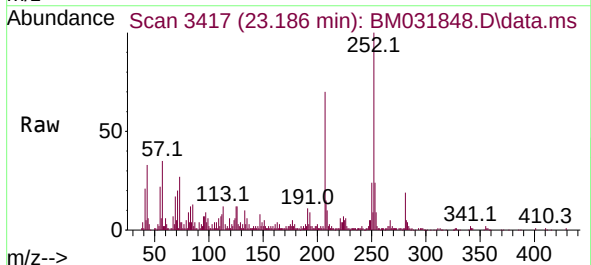
Delta R.T. -0.006 min

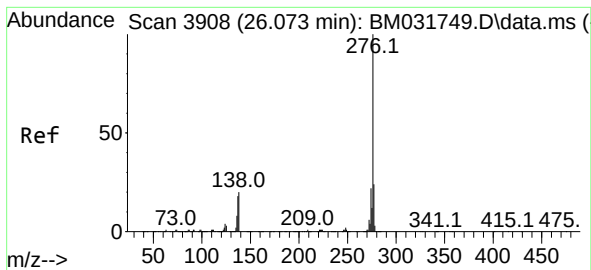
Lab File: BM031848.D

Acq: 20 Aug 2021 19:04

Tgt Ion:252 Resp: 81347

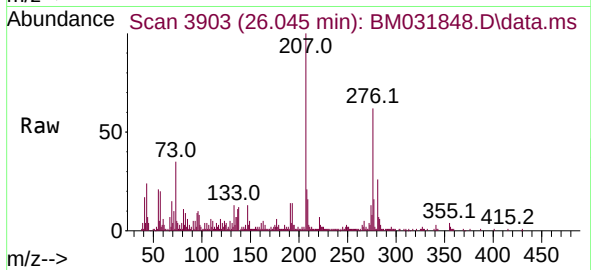
Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.7	26.5
125	11.9	7.3	10.9#





#92
 Benzo(g,h,i)perylene
 Concen: 5.458 ng
 RT: 26.045 min Scan# 3903
 Delta R.T. -0.006 min
 Lab File: BM031848.D
 Acq: 20 Aug 2021 19:04

Instrument :
 BNA_M
 ClientSampleId :
 SWCS-06-0205



Tgt Ion:	276	Resp:	59244
Ion Ratio	Lower	Upper	
276	100		
277	25.8	19.4	29.2
138	19.1	14.4	21.6

