

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082021\
 Data File : BM031839.D
 Acq On : 20 Aug 2021 13:23
 Operator : CG/JU
 Sample : M3434-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SWCS-11-0205

Quant Time: Aug 20 14:43:56 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)

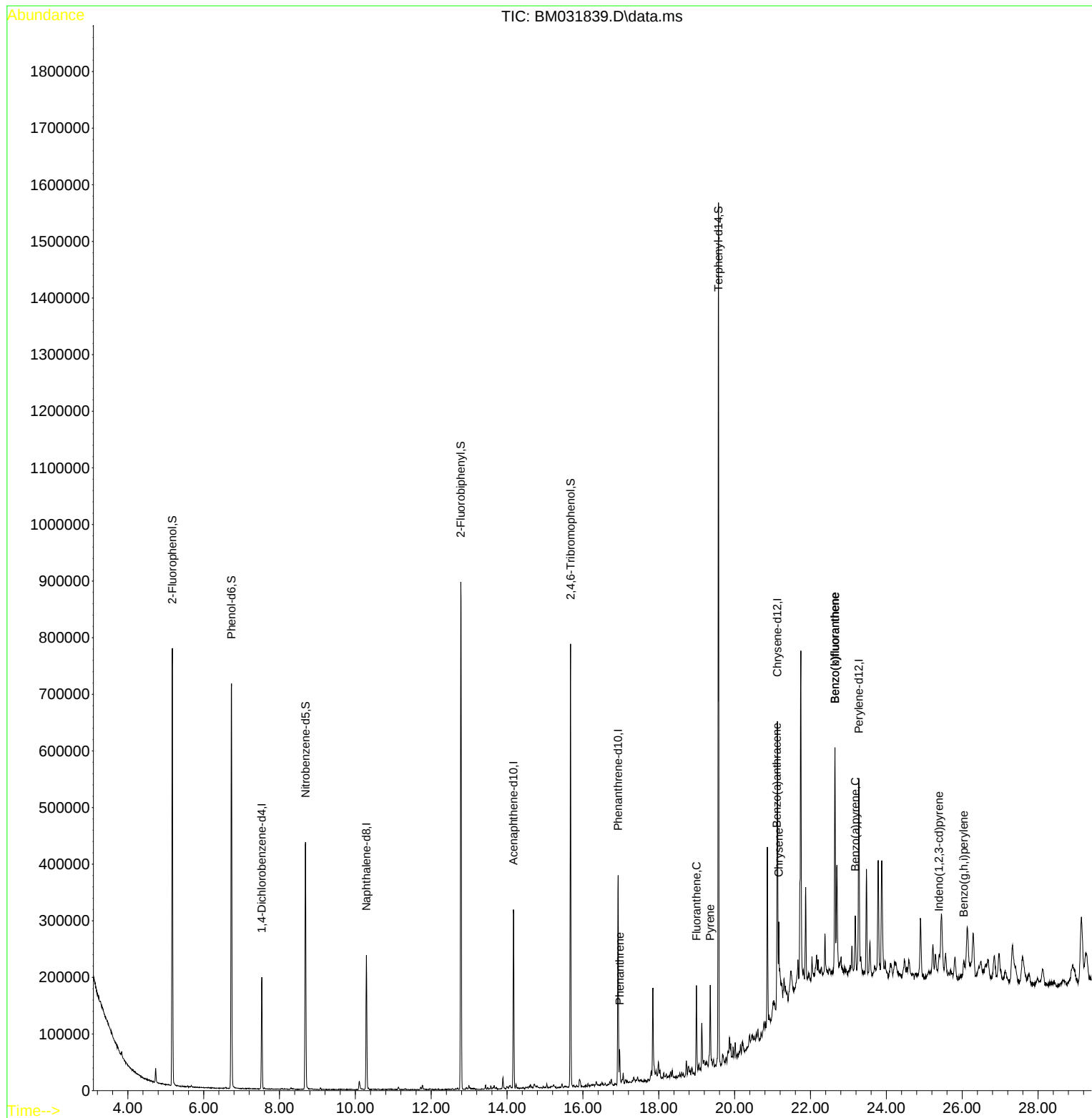
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.534	152	45959	20.000	ng	# 0.00
21) Naphthalene-d8	10.292	136	177391	20.000	ng	0.00
39) Acenaphthene-d10	14.169	164	99282	20.000	ng	-0.01
64) Phenanthrene-d10	16.927	188	194238	20.000	ng	0.00
76) Chrysene-d12	21.127	240	189183	20.000	ng	0.00
86) Perylene-d12	23.274	264	198690	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	279930	97.758	ng	0.00
7) Phenol-d6	6.734	99	335935	80.962	ng	0.00
23) Nitrobenzene-d5	8.687	82	238653	56.331	ng	0.00
42) 2,4,6-Tribromophenol	15.674	330	95517	78.114	ng	0.00
45) 2-Fluorobiphenyl	12.780	172	418919	56.162	ng	-0.01
79) Terphenyl-d14	19.574	244	569232	50.696	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	16.968	178	32758	2.765	ng	98
75) Fluoranthene	18.992	202	75988	5.355	ng	98
78) Pyrene	19.357	202	77075	5.624	ng	97
81) Benzo(a)anthracene	21.115	228	42937	3.099	ng	# 86
83) Chrysene	21.162	228	49194	3.642	ng	# 96
87) Indeno(1,2,3-cd)pyrene	25.386	276	29566	2.112	ng	98
88) Benzo(b)fluoranthene	22.645	252	78771	5.280	ng	# 88
89) Benzo(k)fluoranthene	22.645	252	78771	5.471	ng	# 88
90) Benzo(a)pyrene	23.180	252	42064	3.185	ng	# 94
92) Benzo(g,h,i)perylene	26.038	276	31239	2.786	ng	# 86

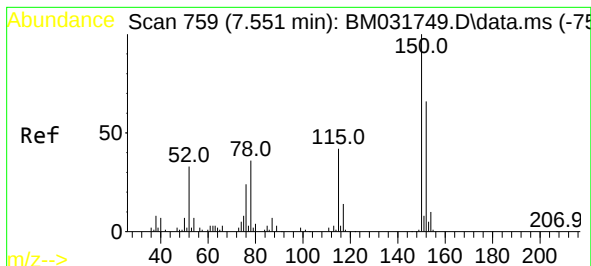
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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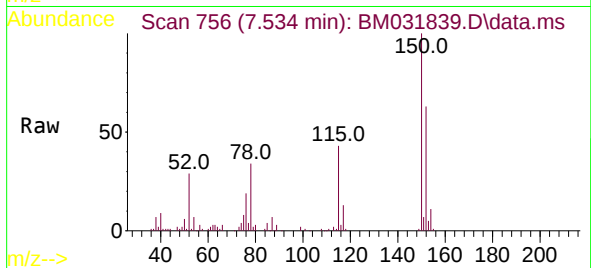
Quant Time: Aug 20 14:43:56 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 18 14:13:35 2021
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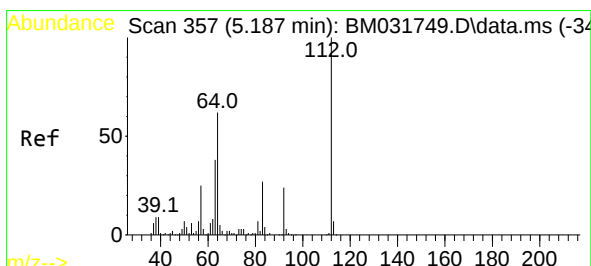
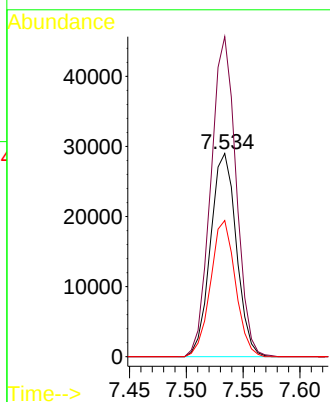
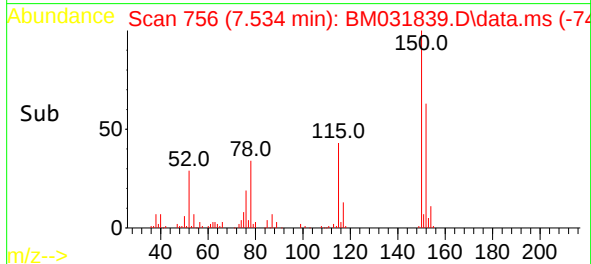


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BM031839.D
Acq: 20 Aug 2021 13:23

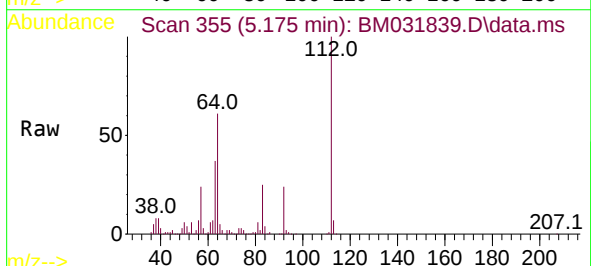
Instrument :
BNA_M
ClientSampleId :
SWCS-11-0205



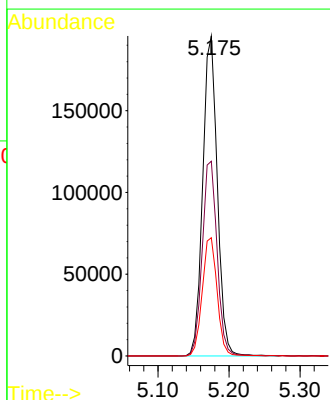
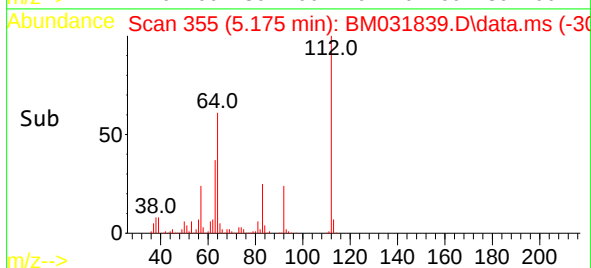
Tgt Ion:152 Resp: 45959
Ion Ratio Lower Upper
152 100
150 157.5 125.9 188.9
115 67.1 44.6 67.0#

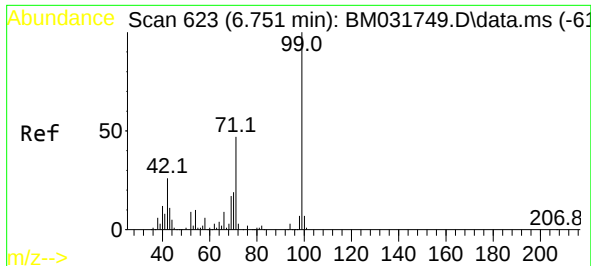


#5
2-Fluorophenol
Concen: 97.758 ng
RT: 5.175 min Scan# 355
Delta R.T. 0.000 min
Lab File: BM031839.D
Acq: 20 Aug 2021 13:23



Tgt Ion:112 Resp: 279930
Ion Ratio Lower Upper
112 100
64 60.9 47.1 70.7
63 37.0 27.3 40.9

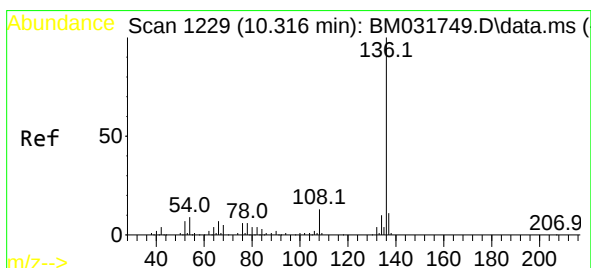
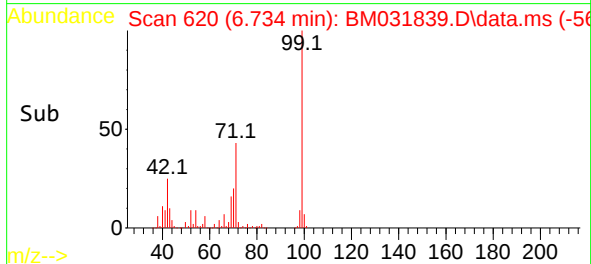
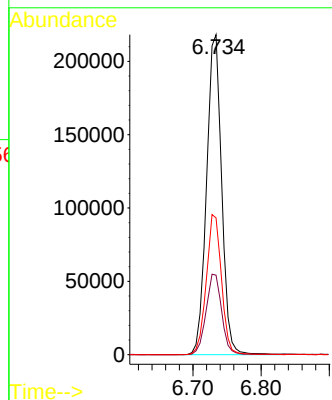
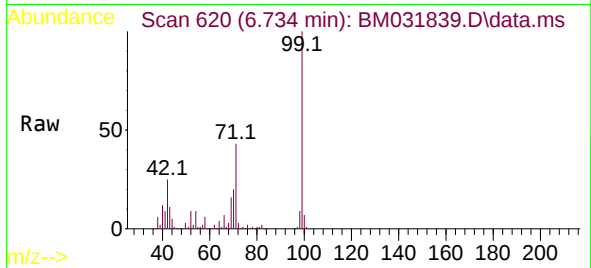




#7
Phenol-d6
Concen: 80.962 ng
RT: 6.734 min Scan# 620
Delta R.T. 0.000 min
Lab File: BM031839.D
Acq: 20 Aug 2021 13:23

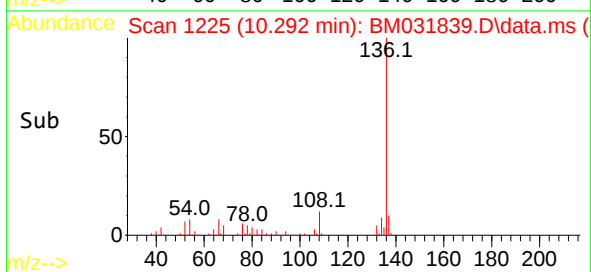
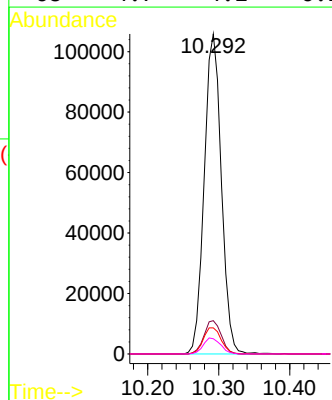
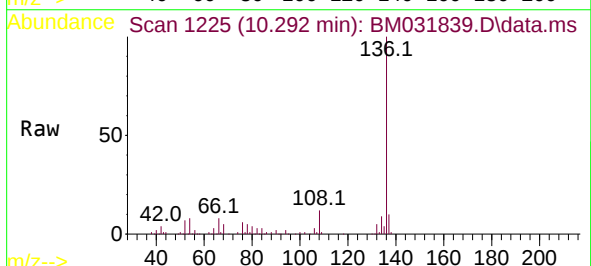
Instrument :
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ClientSampleId :
SWCS-11-0205

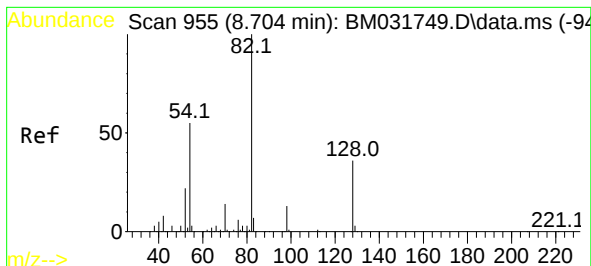
Tgt Ion: 99 Resp: 335935
Ion Ratio Lower Upper
99 100
42 24.8 18.0 27.0
71 42.7 30.9 46.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.292 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BM031839.D
Acq: 20 Aug 2021 13:23

Tgt Ion: 136 Resp: 177391
Ion Ratio Lower Upper
136 100
137 10.4 8.4 12.6
54 8.2 5.5 8.3
68 4.7 4.2 6.2

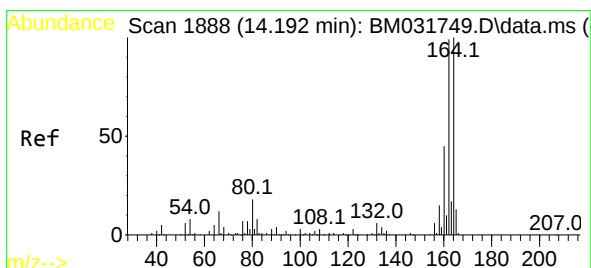
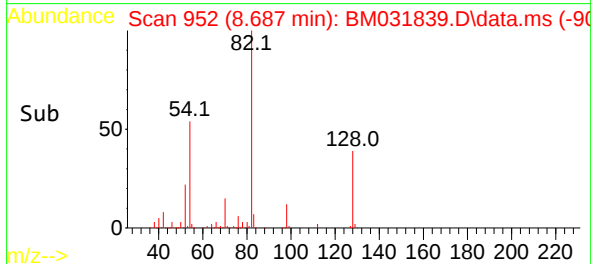
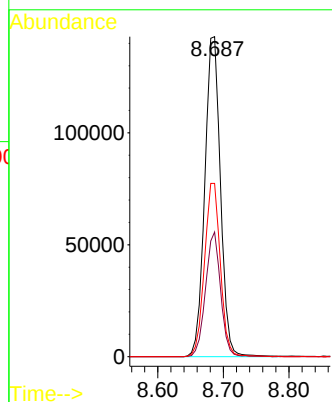
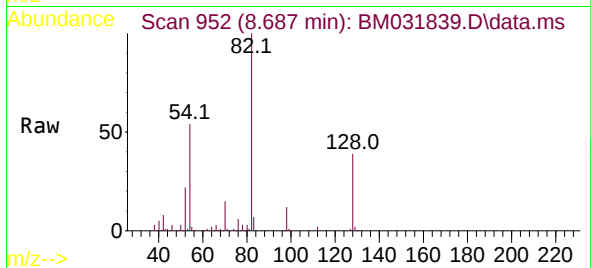




#23
Nitrobenzene-d5
Concen: 56.331 ng
RT: 8.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BM031839.D
Acq: 20 Aug 2021 13:23

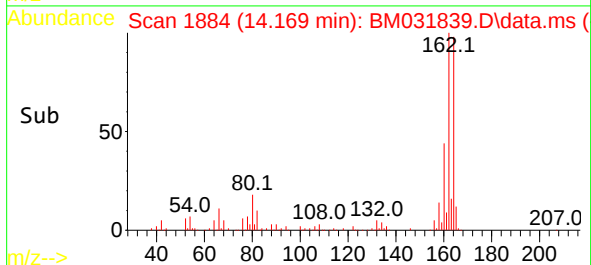
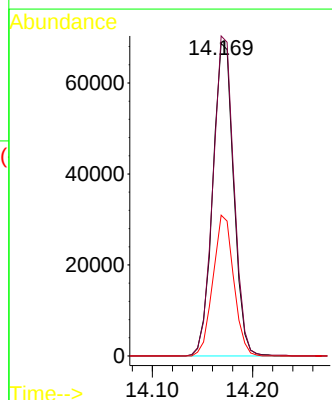
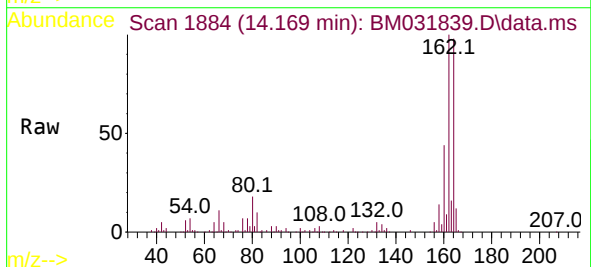
Instrument :
BNA_M
ClientSampleId :
SWCS-11-0205

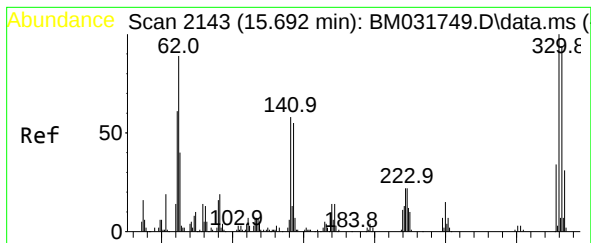
Tgt Ion: 82 Resp: 238653
Ion Ratio Lower Upper
82 100
128 38.9 31.1 46.7
54 54.2 37.3 55.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.169 min Scan# 1884
Delta R.T. -0.012 min
Lab File: BM031839.D
Acq: 20 Aug 2021 13:23

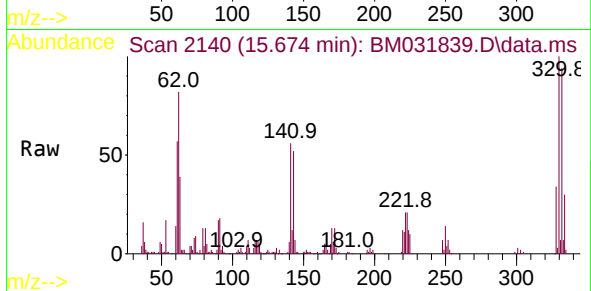
Tgt Ion: 164 Resp: 99282
Ion Ratio Lower Upper
164 100
162 102.4 83.4 125.0
160 45.1 37.2 55.8



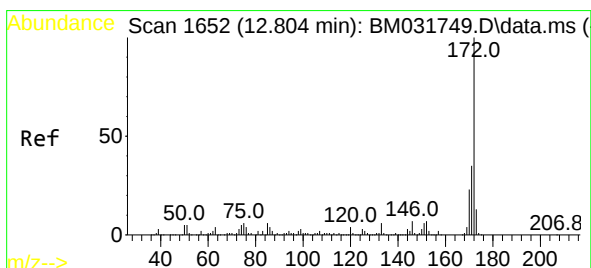
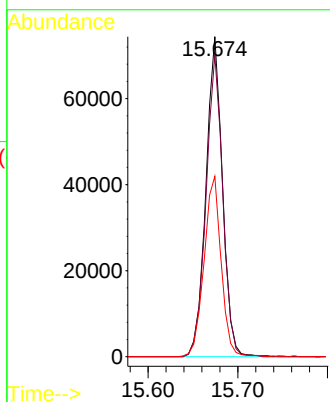
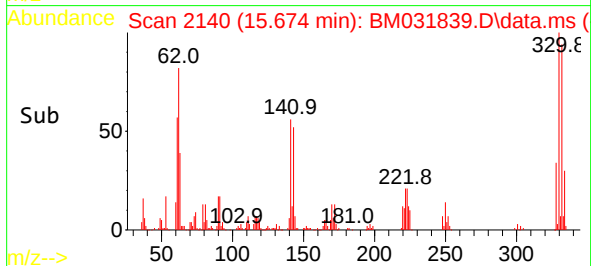


#42
2,4,6-Tribromophenol
Concen: 78.114 ng
RT: 15.674 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BM031839.D
Acq: 20 Aug 2021 13:23

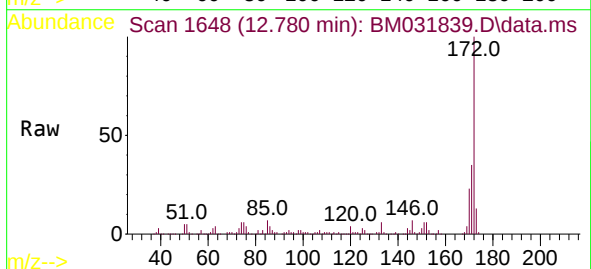
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BNA_M
ClientSampleId :
SWCS-11-0205



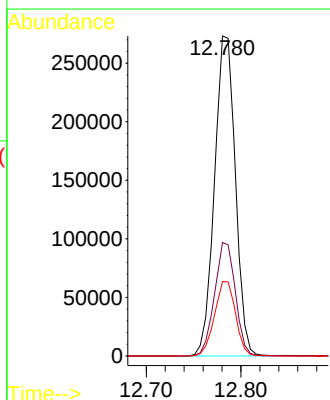
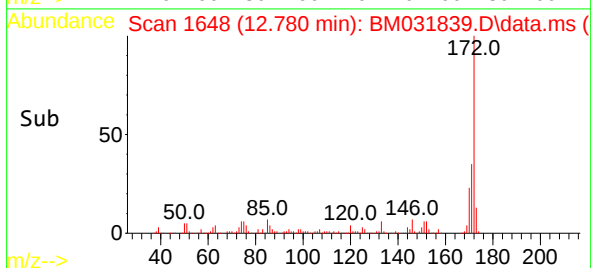
Tgt Ion:330 Resp: 95517
Ion Ratio Lower Upper
330 100
332 95.1 77.0 115.4
141 58.2 30.2 45.2#

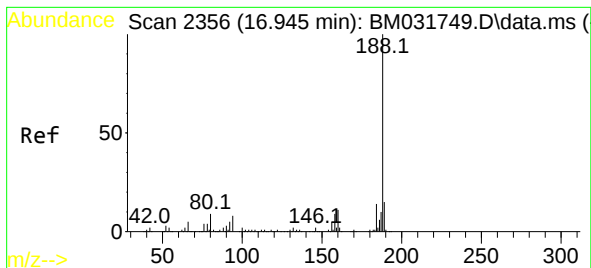


#45
2-Fluorobiphenyl
Concen: 56.162 ng
RT: 12.780 min Scan# 1648
Delta R.T. -0.012 min
Lab File: BM031839.D
Acq: 20 Aug 2021 13:23



Tgt Ion:172 Resp: 418919
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.3 18.4 27.6

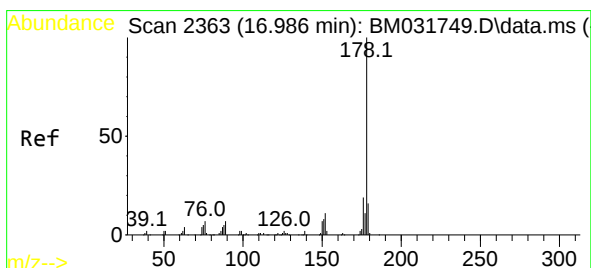
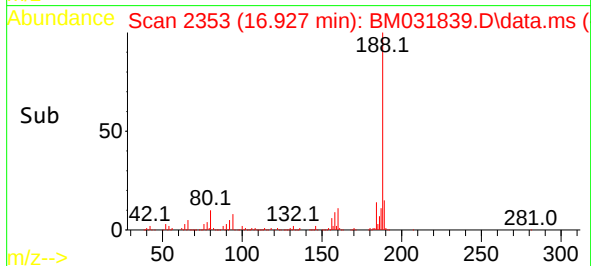
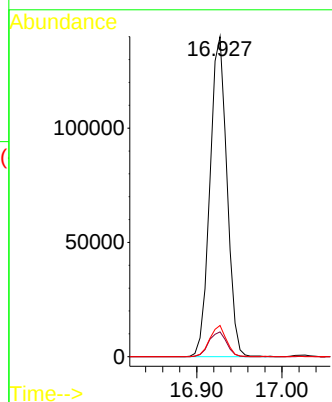
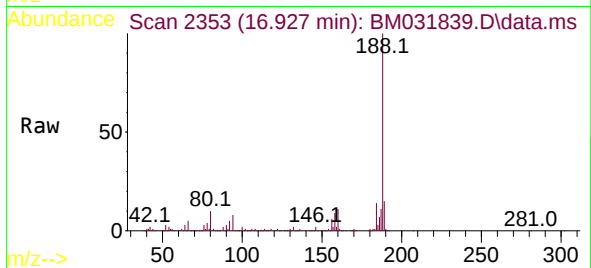




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.927 min Scan# 2353
Delta R.T. -0.006 min
Lab File: BM031839.D
Acq: 20 Aug 2021 13:23

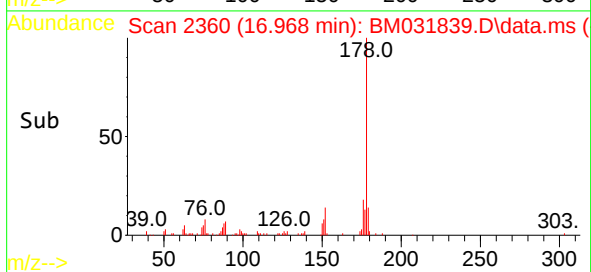
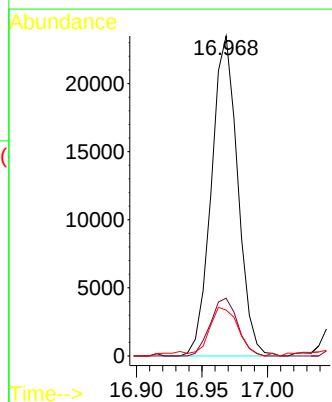
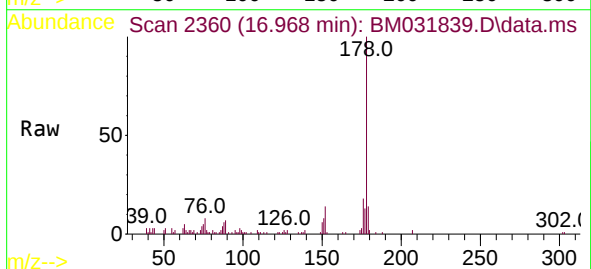
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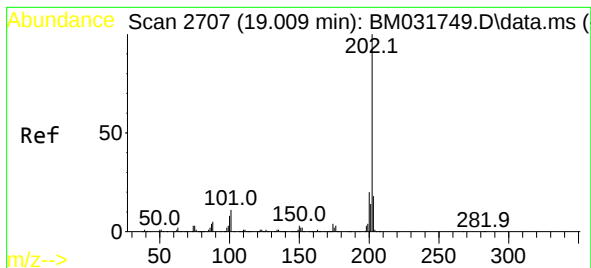
Tgt Ion:188 Resp: 194238
Ion Ratio Lower Upper
188 100
94 7.8 6.0 9.0
80 9.8 6.6 9.8



#71
Phenanthrene
Concen: 2.765 ng
RT: 16.968 min Scan# 2360
Delta R.T. -0.006 min
Lab File: BM031839.D
Acq: 20 Aug 2021 13:23

Tgt Ion:178 Resp: 32758
Ion Ratio Lower Upper
178 100
176 18.0 15.4 23.0
179 14.4 12.2 18.4

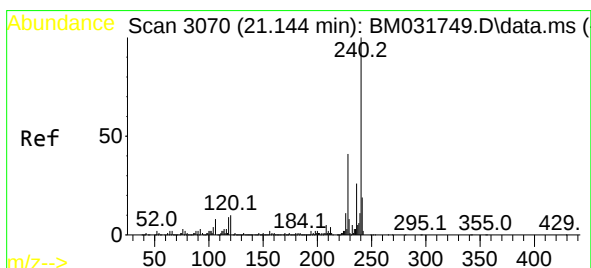
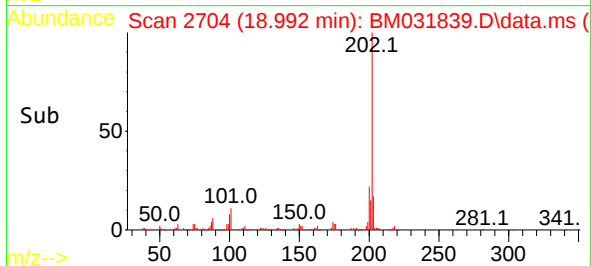
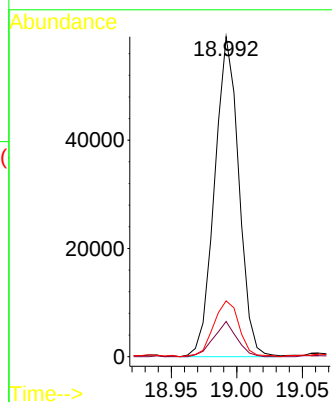
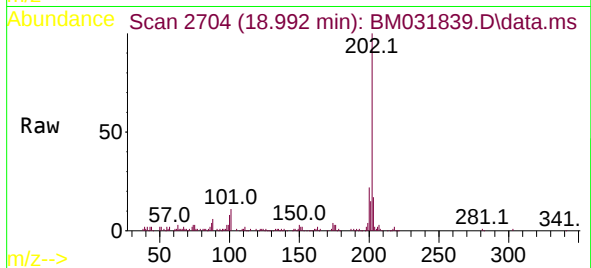




#75
Fluoranthene
Concen: 5.355 ng
RT: 18.992 min Scan# 2704
Delta R.T. -0.006 min
Lab File: BM031839.D
Acq: 20 Aug 2021 13:23

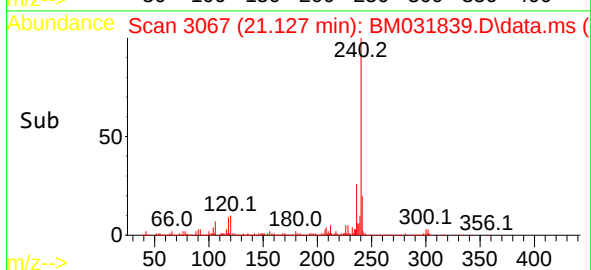
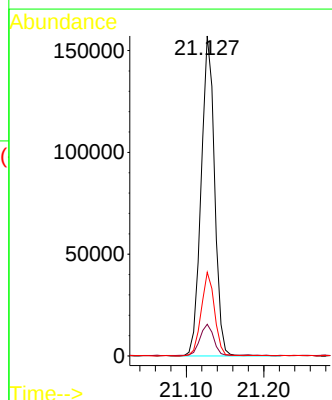
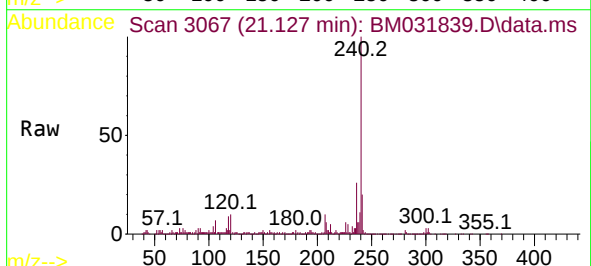
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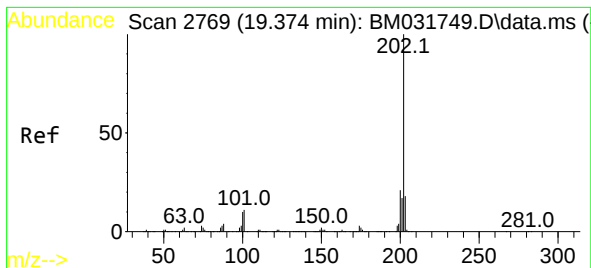
Tgt Ion:202 Resp: 75988
Ion Ratio Lower Upper
202 100
101 11.0 0.0 28.6
203 17.5 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.127 min Scan# 3067
Delta R.T. -0.006 min
Lab File: BM031839.D
Acq: 20 Aug 2021 13:23

Tgt Ion:240 Resp: 189183
Ion Ratio Lower Upper
240 100
120 9.9 7.0 10.6
236 26.2 21.0 31.4

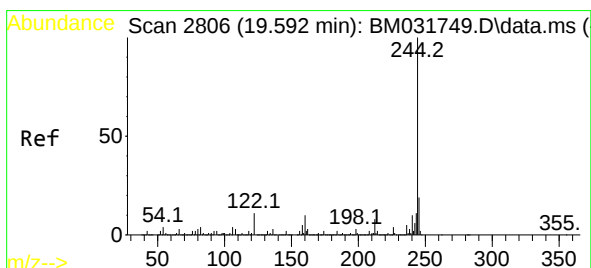
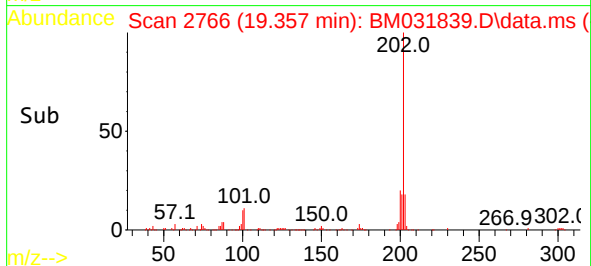
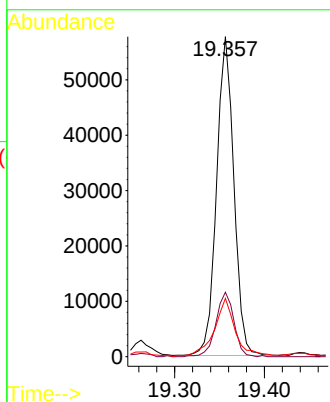
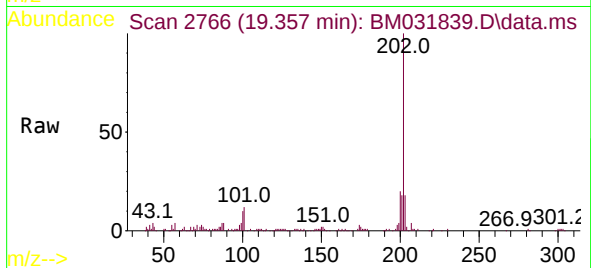




#78
Pyrene
Concen: 5.624 ng
RT: 19.357 min Scan# 2766
Delta R.T. -0.006 min
Lab File: BM031839.D
Acq: 20 Aug 2021 13:23

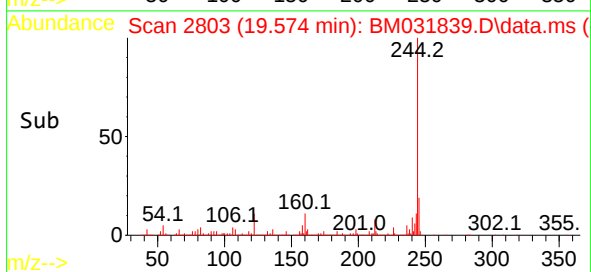
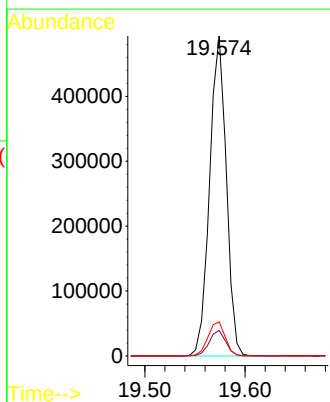
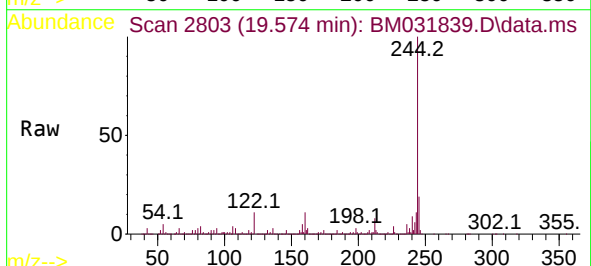
Instrument :
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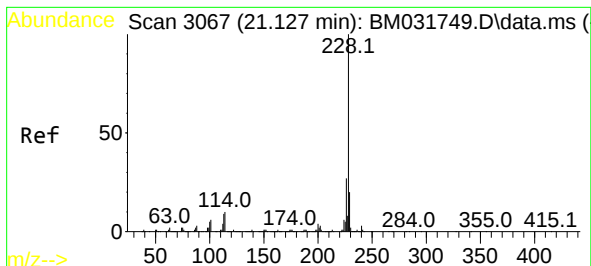
Tgt Ion:	202	Resp:	77075
Ion Ratio	Lower	Upper	
202	100		
200	20.1	17.3	25.9
203	18.2	13.9	20.9



#79
Terphenyl-d14
Concen: 50.696 ng
RT: 19.574 min Scan# 2803
Delta R.T. -0.006 min
Lab File: BM031839.D
Acq: 20 Aug 2021 13:23

Tgt Ion:	244	Resp:	569232
Ion Ratio	Lower	Upper	
244	100		
212	8.0	6.3	9.5
122	10.7	6.9	10.3

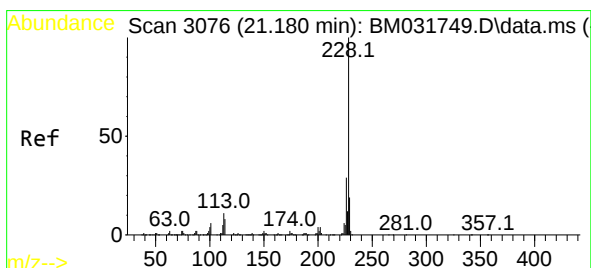
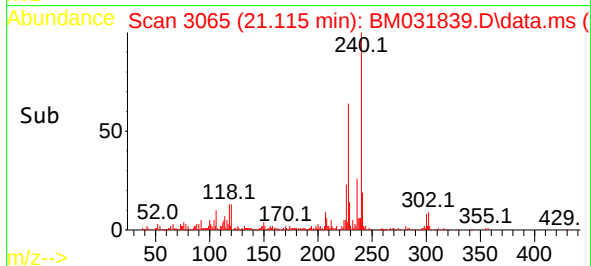
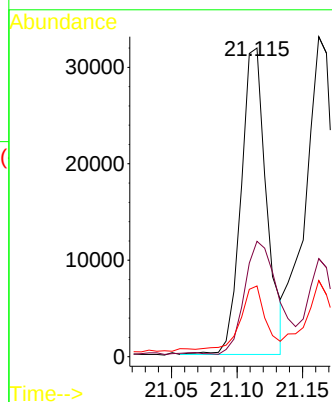
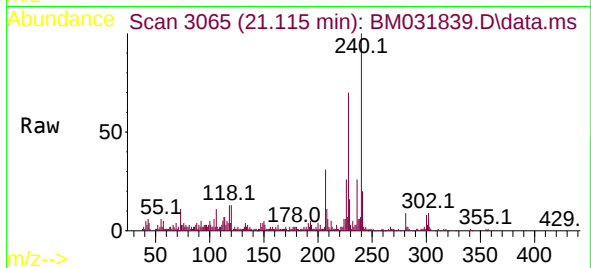




#81
Benzo(a)anthracene
Concen: 3.099 ng
RT: 21.115 min Scan# 3065
Delta R.T. -0.006 min
Lab File: BM031839.D
Acq: 20 Aug 2021 13:23

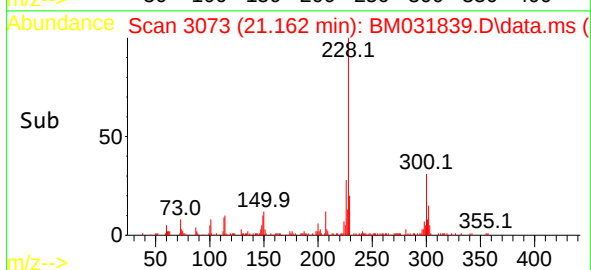
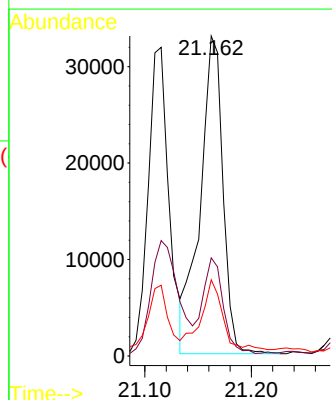
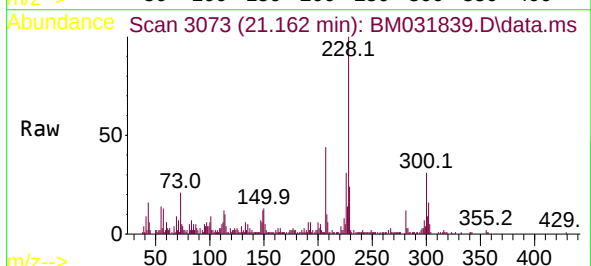
Instrument :
BNA_M
ClientSampleId :
SWCS-11-0205

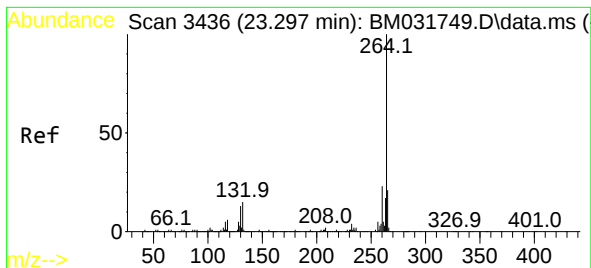
Tgt Ion:228 Resp: 42937
Ion Ratio Lower Upper
228 100
226 37.4 22.3 33.5#
229 22.9 15.7 23.5



#83
Chrysene
Concen: 3.642 ng
RT: 21.162 min Scan# 3073
Delta R.T. -0.012 min
Lab File: BM031839.D
Acq: 20 Aug 2021 13:23

Tgt Ion:228 Resp: 49194
Ion Ratio Lower Upper
228 100
226 30.6 24.6 36.8
229 23.8 15.5 23.3#

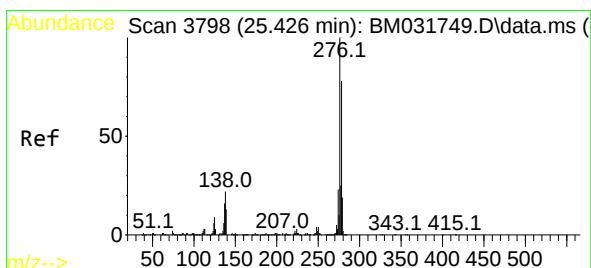
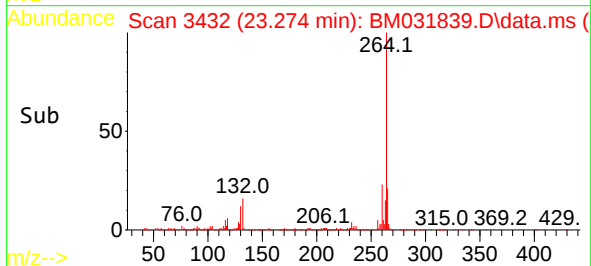
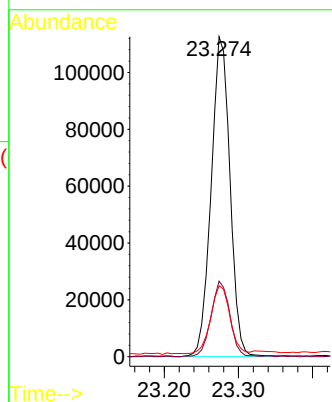
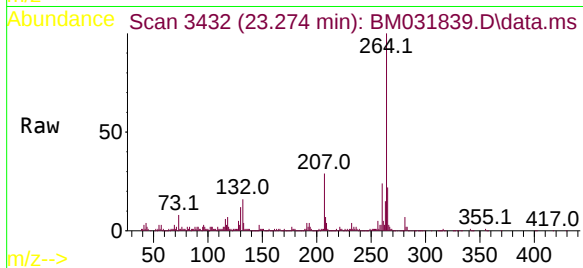




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.274 min Scan# 3432
 Delta R.T. -0.006 min
 Lab File: BM031839.D
 Acq: 20 Aug 2021 13:23

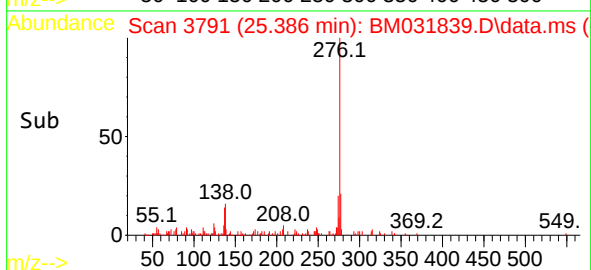
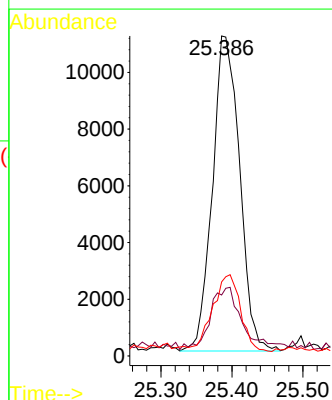
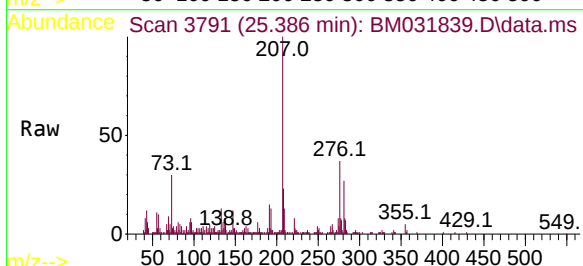
Instrument :
 BNA_M
 ClientSampleId :
 SWCS-11-0205

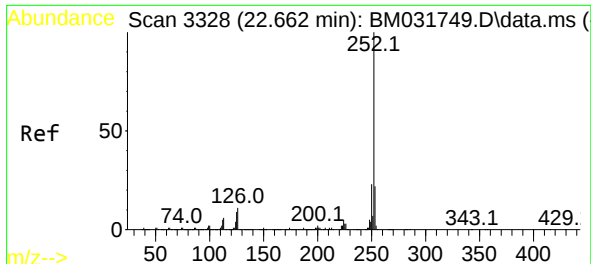
Tgt Ion:264 Resp: 198690
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.8 29.8
 265 22.1 17.7 26.5



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.112 ng
 RT: 25.386 min Scan# 3791
 Delta R.T. -0.023 min
 Lab File: BM031839.D
 Acq: 20 Aug 2021 13:23

Tgt Ion:276 Resp: 29566
 Ion Ratio Lower Upper
 276 100
 138 23.2 17.1 25.7
 277 25.6 20.3 30.5

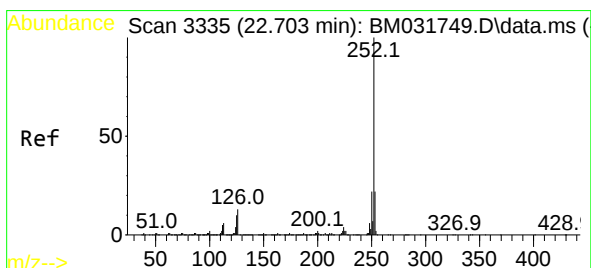
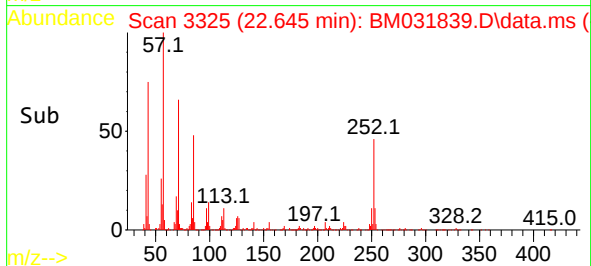
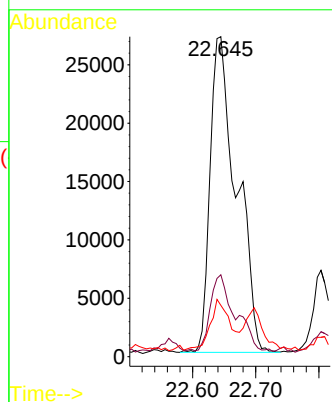
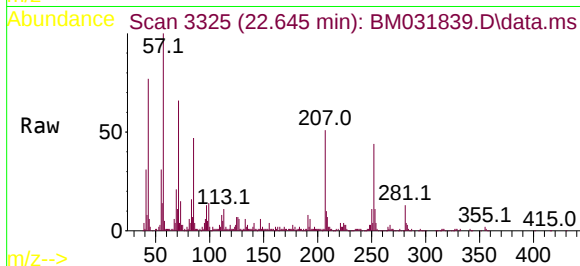




#88
Benzo(b)fluoranthene
Concen: 5.280 ng
RT: 22.645 min Scan# 3325
Delta R.T. 0.000 min
Lab File: BM031839.D
Acq: 20 Aug 2021 13:23

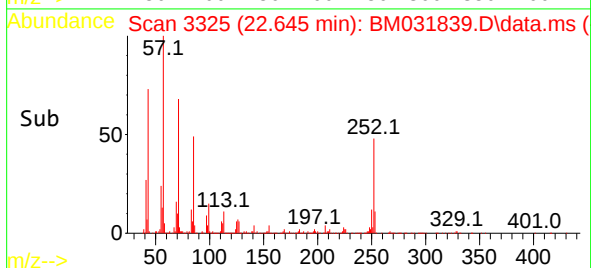
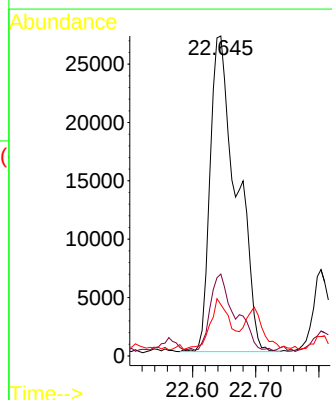
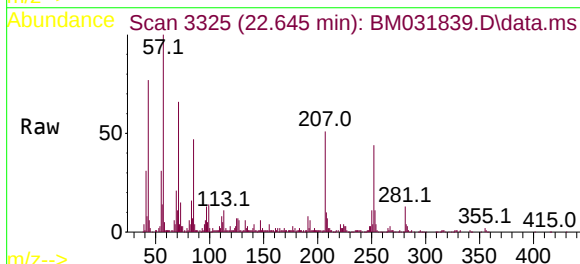
Instrument :
BNA_M
ClientSampleId :
SWCS-11-0205

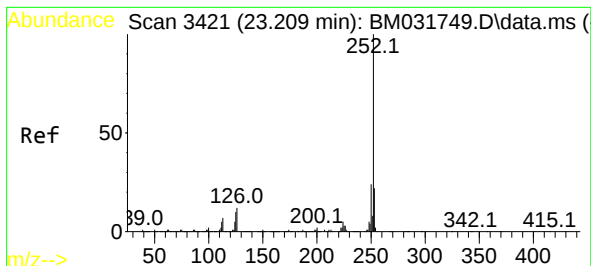
Tgt Ion:252 Resp: 78771
Ion Ratio Lower Upper
252 100
253 25.6 17.4 26.0
125 16.1 6.8 10.2#



#89
Benzo(k)fluoranthene
Concen: 5.471 ng
RT: 22.645 min Scan# 3325
Delta R.T. -0.047 min
Lab File: BM031839.D
Acq: 20 Aug 2021 13:23

Tgt Ion:252 Resp: 78771
Ion Ratio Lower Upper
252 100
253 25.6 17.4 26.2
125 16.1 6.2 9.2#

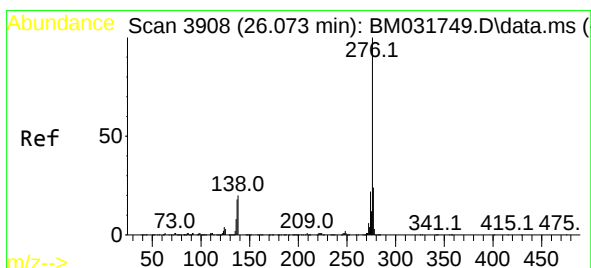
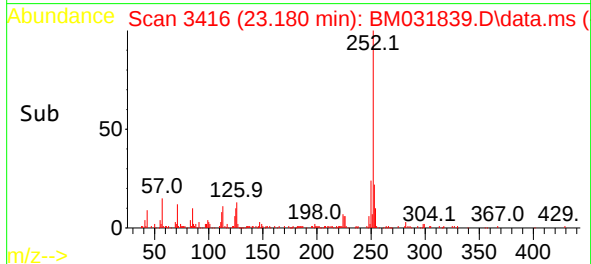
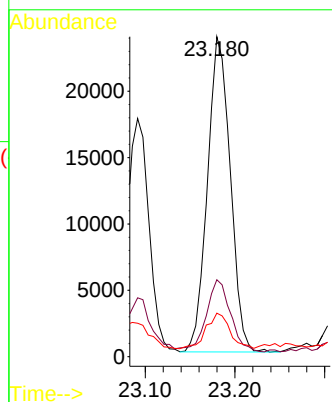
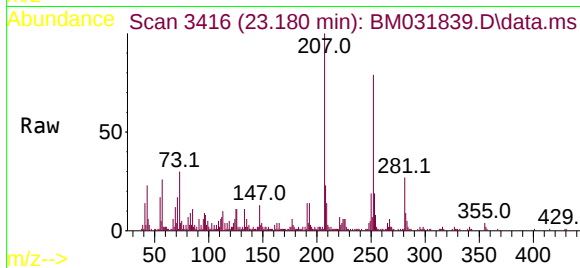




#90
Benzo(a)pyrene
Concen: 3.185 ng
RT: 23.180 min Scan# 3416
Delta R.T. -0.012 min
Lab File: BM031839.D
Acq: 20 Aug 2021 13:23

Instrument :
BNA_M
ClientSampleId :
SWCS-11-0205

Tgt Ion:252 Resp: 42064
Ion Ratio Lower Upper
252 100
253 24.0 17.7 26.5
125 13.6 7.3 10.9#



#92
Benzo(g,h,i)perylene
Concen: 2.786 ng
RT: 26.038 min Scan# 3902
Delta R.T. -0.012 min
Lab File: BM031839.D
Acq: 20 Aug 2021 13:23

Tgt Ion:276 Resp: 31239
Ion Ratio Lower Upper
276 100
277 27.1 19.4 29.2
138 29.4 14.4 21.6#

