

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081921\
 Data File : BM031825.D
 Acq On : 19 Aug 2021 13:05
 Operator : CG/JU
 Sample : M3426-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SWCS-10-0205

Quant Time: Aug 19 14:38:10 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)

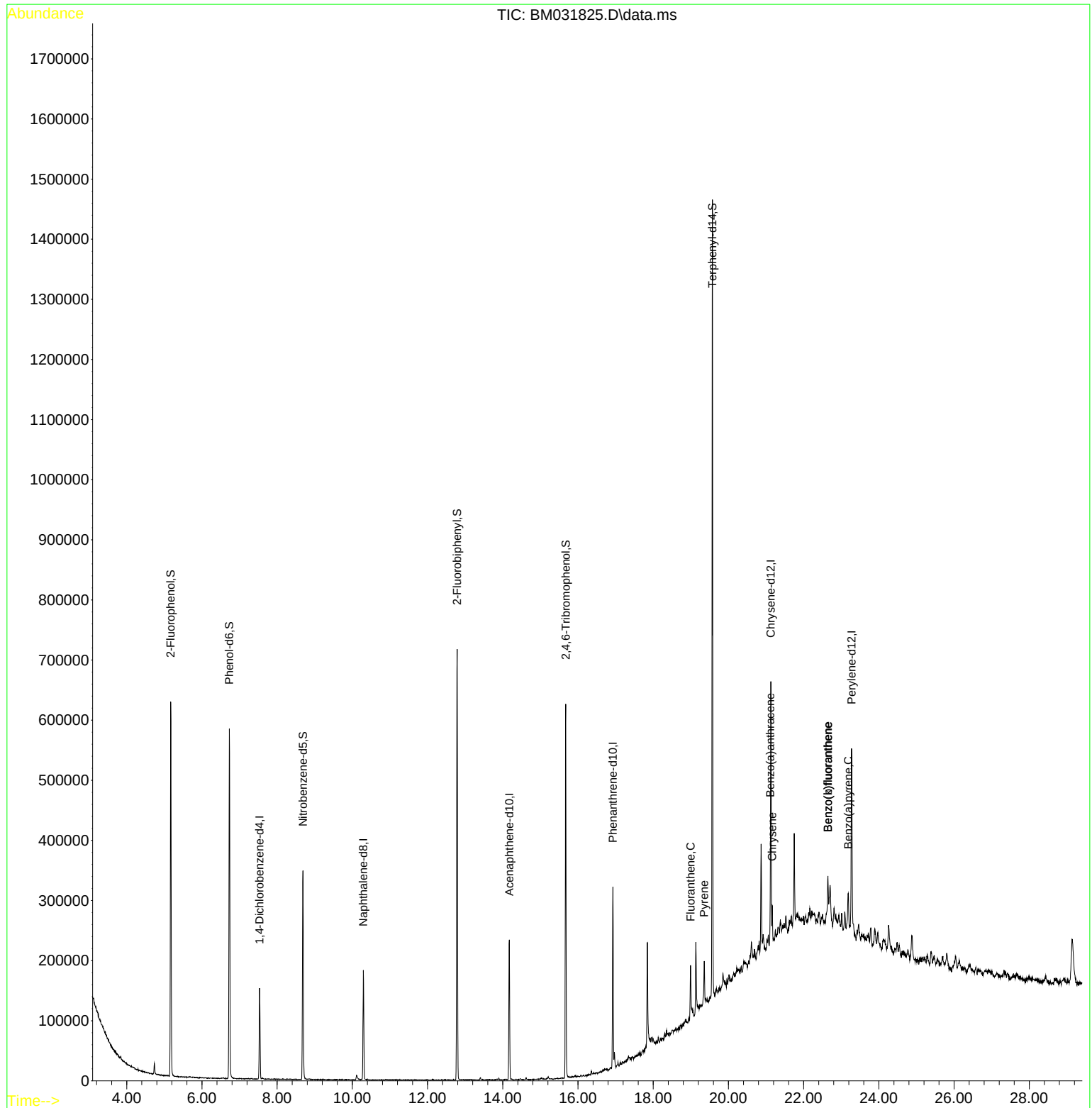
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.534	152	34723	20.000	ng	0.00
21) Naphthalene-d8	10.292	136	131234	20.000	ng	0.00
39) Acenaphthene-d10	14.174	164	76076	20.000	ng	0.00
64) Phenanthrene-d10	16.927	188	161362	20.000	ng	0.00
76) Chrysene-d12	21.127	240	171129	20.000	ng	0.00
86) Perylene-d12	23.274	264	179083	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.169	112	220985	102.146	ng	0.00
7) Phenol-d6	6.728	99	269745	86.047	ng	0.00
23) Nitrobenzene-d5	8.687	82	185989	59.341	ng	0.00
42) 2,4,6-Tribromophenol	15.674	330	78918	84.226	ng	0.00
45) 2-Fluorobiphenyl	12.786	172	333998	58.436	ng	0.00
79) Terphenyl-d14	19.574	244	516074	50.811	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	18.992	202	45860	3.890	ng	96
78) Pyrene	19.356	202	42544	3.432	ng	97
81) Benzo(a)anthracene	21.115	228	28092	2.241	ng	94
83) Chrysene	21.162	228	27424	2.245	ng	94
88) Benzo(b)fluoranthene	22.645	252	39132	2.910	ng	# 89
89) Benzo(k)fluoranthene	22.645	252	39132	3.015	ng	# 89
90) Benzo(a)pyrene	23.186	252	27300	2.293	ng	# 91

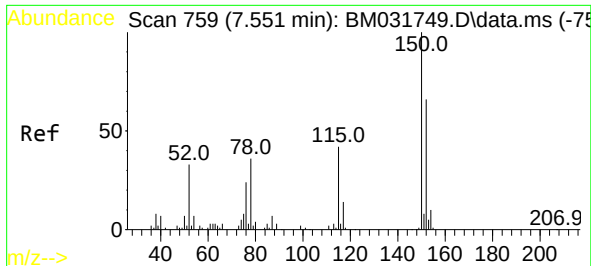
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081921\
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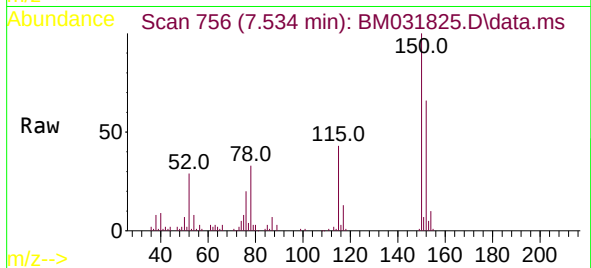
Quant Time: Aug 19 14:38:10 2021
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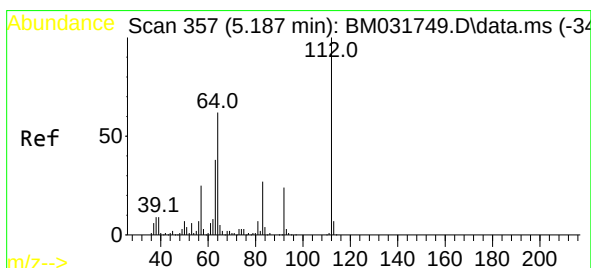
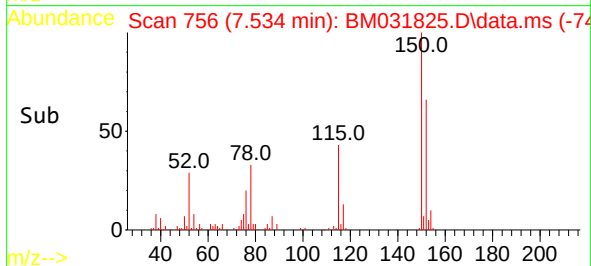
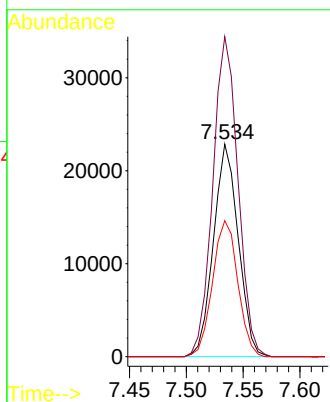


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BM031825.D
Acq: 19 Aug 2021 13:05

Instrument :
BNA_M
ClientSampleId :
SWCS-10-0205

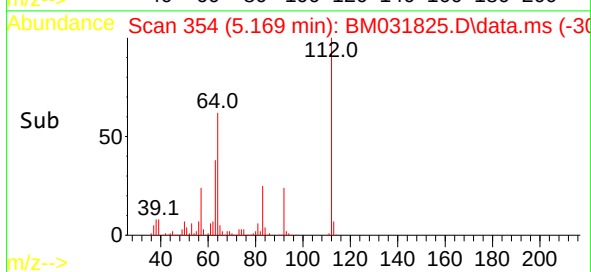
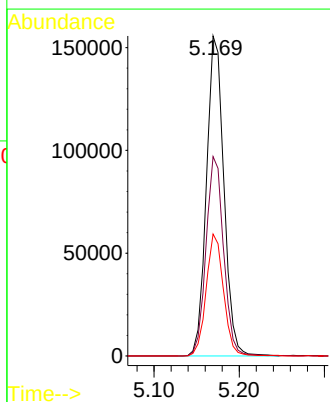
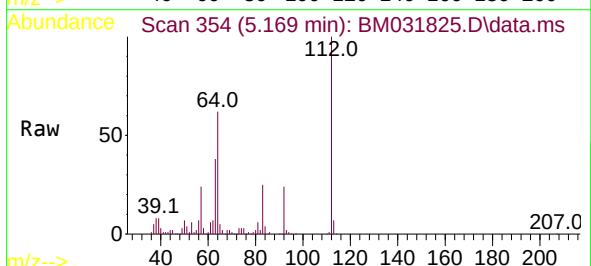


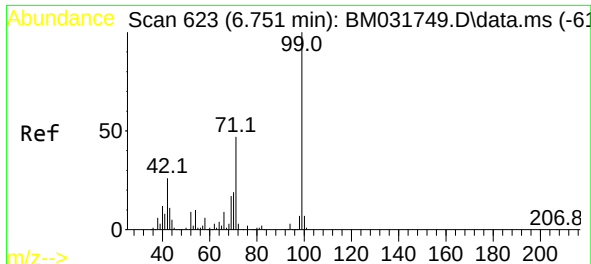
Tgt Ion:152 Resp: 34723
Ion Ratio Lower Upper
152 100
150 150.5 125.9 188.9
115 64.0 44.6 67.0



#5
2-Fluorophenol
Concen: 102.146 ng
RT: 5.169 min Scan# 354
Delta R.T. -0.006 min
Lab File: BM031825.D
Acq: 19 Aug 2021 13:05

Tgt Ion:112 Resp: 220985
Ion Ratio Lower Upper
112 100
64 62.3 47.1 70.7
63 38.1 27.3 40.9

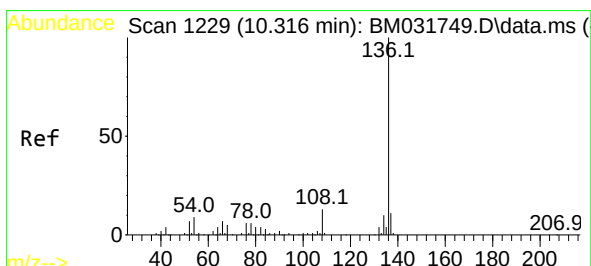
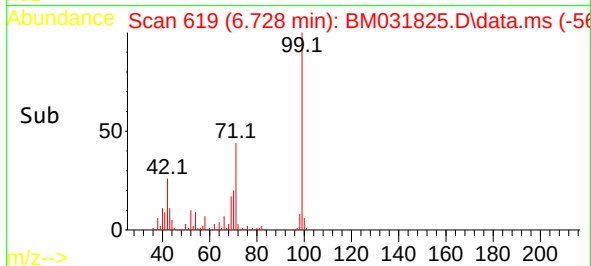
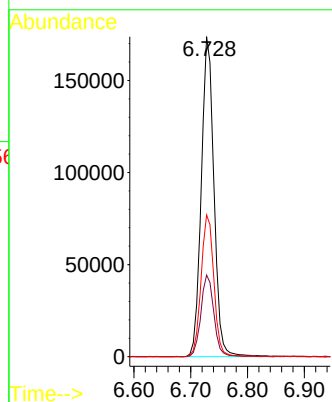
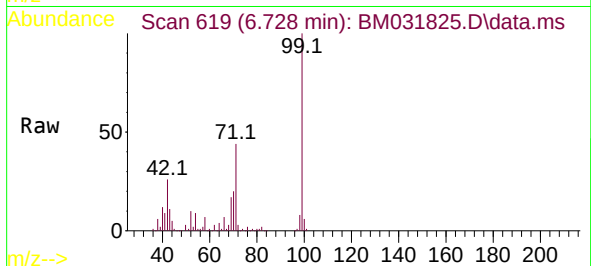




#7
Phenol-d6
Concen: 86.047 ng
RT: 6.728 min Scan# 619
Delta R.T. -0.006 min
Lab File: BM031825.D
Acq: 19 Aug 2021 13:05

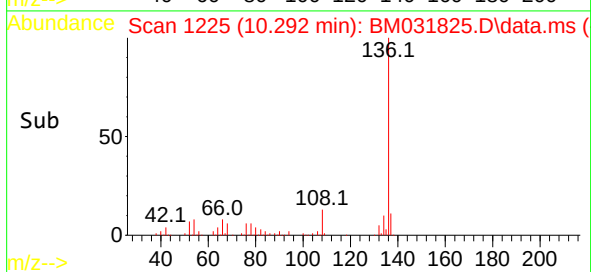
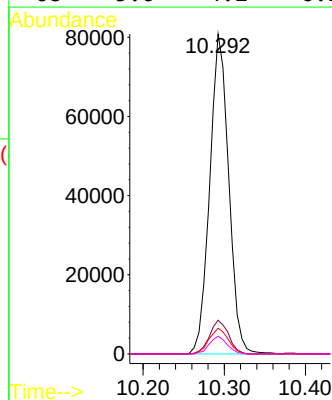
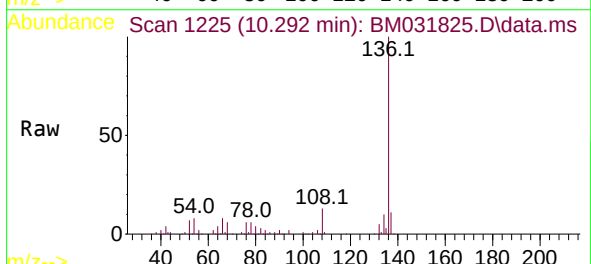
Instrument :
BNA_M
ClientSampleId :
SWCS-10-0205

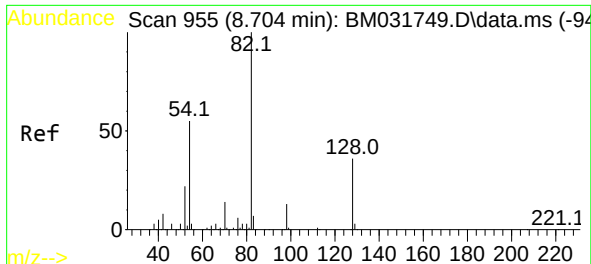
Tgt Ion:	99	Resp:	269745
Ion	Ratio	Lower	Upper
99	100		
42	25.5	18.0	27.0
71	44.3	30.9	46.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.292 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BM031825.D
Acq: 19 Aug 2021 13:05

Tgt Ion:	136	Resp:	131234
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	8.1	5.5	8.3
68	5.6	4.2	6.2

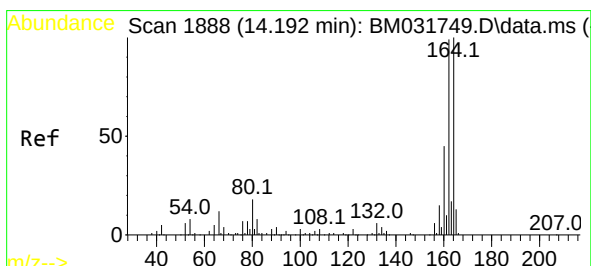
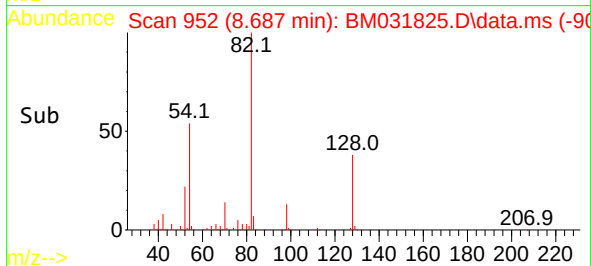
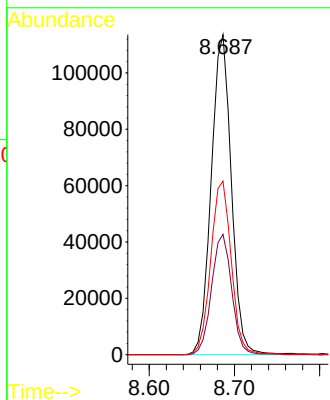
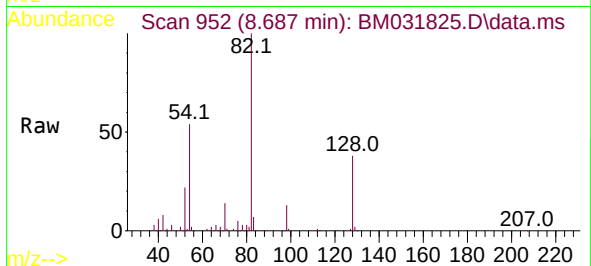




#23
Nitrobenzene-d5
Concen: 59.341 ng
RT: 8.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BM031825.D
Acq: 19 Aug 2021 13:05

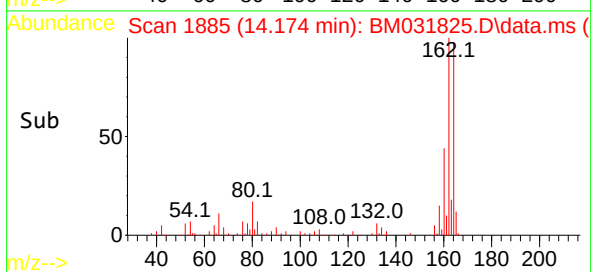
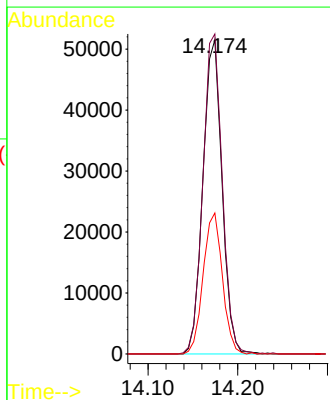
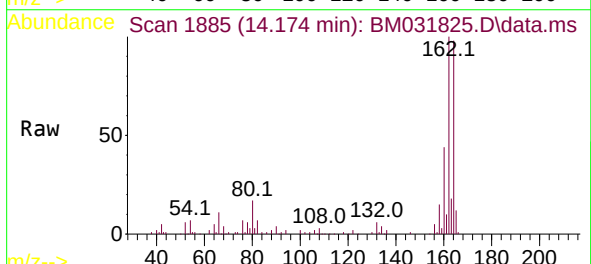
Instrument :
BNA_M
ClientSampleId :
SWCS-10-0205

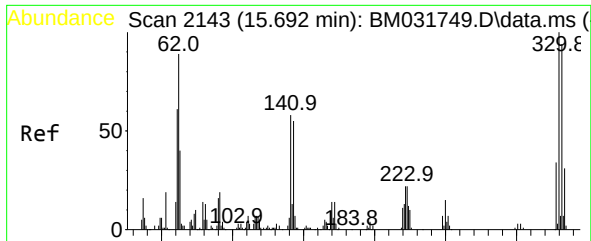
Tgt Ion: 82 Resp: 185989
Ion Ratio Lower Upper
82 100
128 37.6 31.1 46.7
54 54.2 37.3 55.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.174 min Scan# 1885
Delta R.T. -0.006 min
Lab File: BM031825.D
Acq: 19 Aug 2021 13:05

Tgt Ion: 164 Resp: 76076
Ion Ratio Lower Upper
164 100
162 101.9 83.4 125.0
160 44.9 37.2 55.8

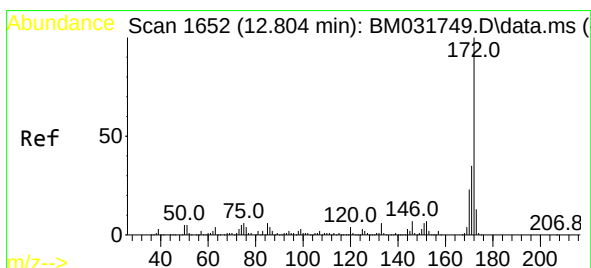
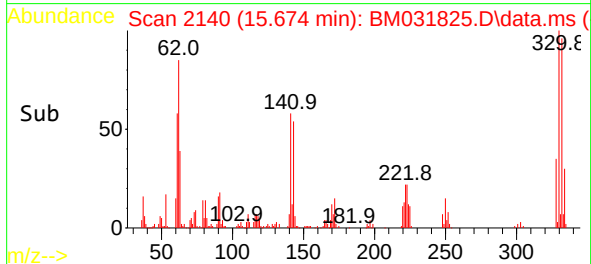
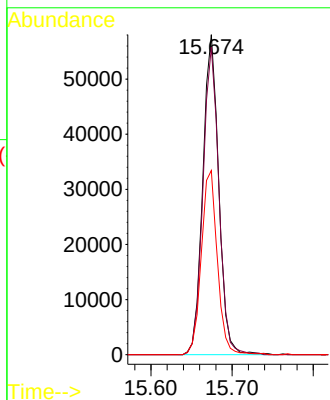
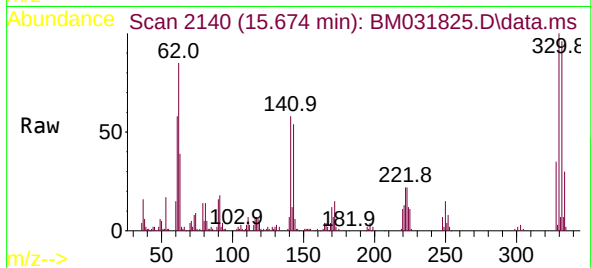




#42
2,4,6-Tribromophenol
Concen: 84.226 ng
RT: 15.674 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BM031825.D
Acq: 19 Aug 2021 13:05

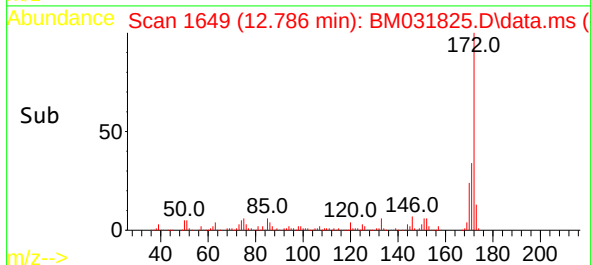
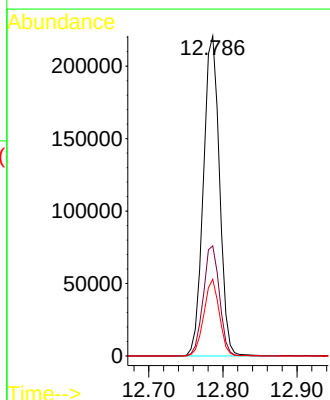
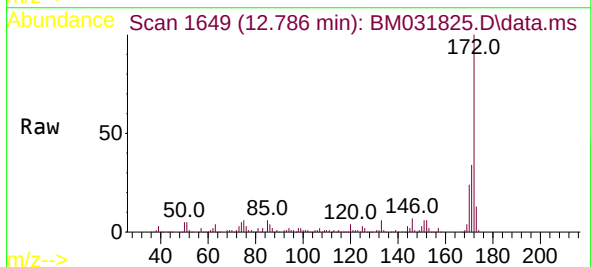
Instrument :
BNA_M
ClientSampleId :
SWCS-10-0205

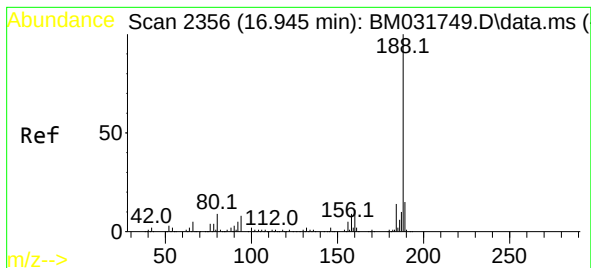
Tgt Ion:330 Resp: 78918
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.4
141 58.0 30.2 45.2#



#45
2-Fluorobiphenyl
Concen: 58.436 ng
RT: 12.786 min Scan# 1649
Delta R.T. -0.006 min
Lab File: BM031825.D
Acq: 19 Aug 2021 13:05

Tgt Ion:172 Resp: 333998
Ion Ratio Lower Upper
172 100
171 34.4 28.6 43.0
170 23.9 18.4 27.6

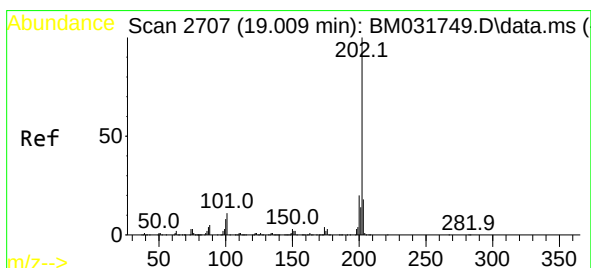
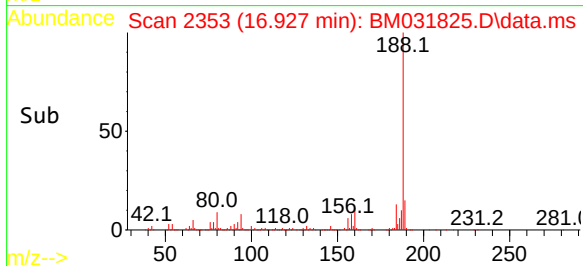
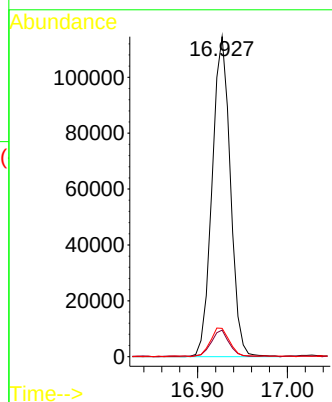
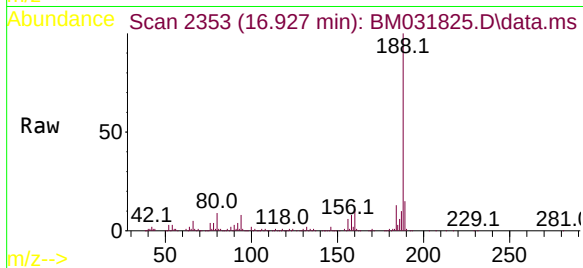




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.927 min Scan# 2353
Delta R.T. -0.006 min
Lab File: BM031825.D
Acq: 19 Aug 2021 13:05

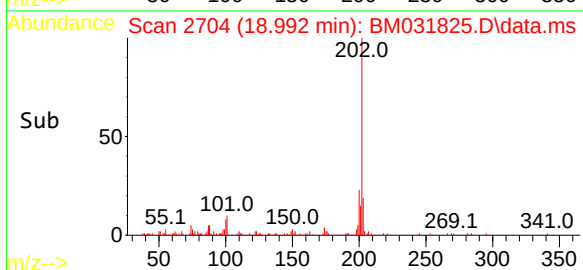
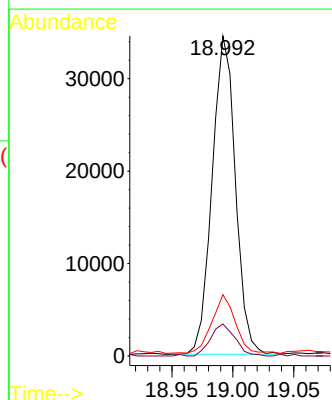
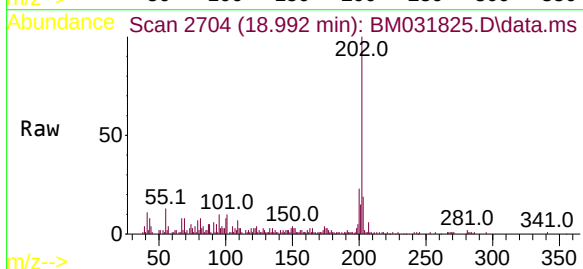
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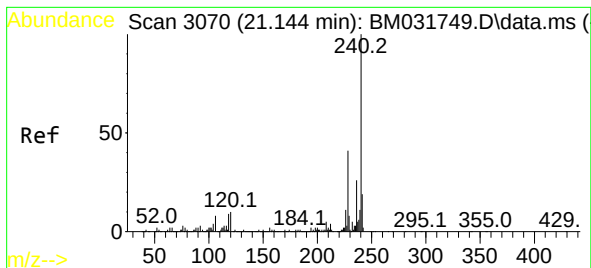
Tgt Ion:188 Resp: 161362
Ion Ratio Lower Upper
188 100
94 8.3 6.0 9.0
80 8.9 6.6 9.8



#75
Fluoranthene
Concen: 3.890 ng
RT: 18.992 min Scan# 2704
Delta R.T. -0.006 min
Lab File: BM031825.D
Acq: 19 Aug 2021 13:05

Tgt Ion:202 Resp: 45860
Ion Ratio Lower Upper
202 100
101 10.0 0.0 28.6
203 19.1 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: BM031825.D

Acq: 19 Aug 2021 13:05

Tgt Ion:240 Resp: 171129

Ion Ratio Lower Upper

240 100

120 10.3 7.0 10.6

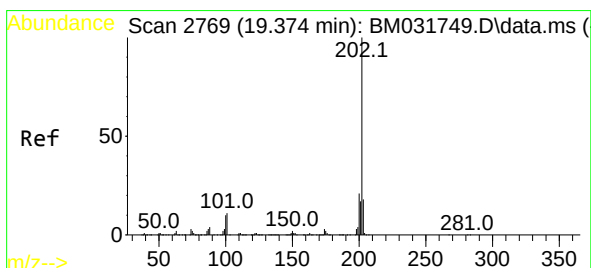
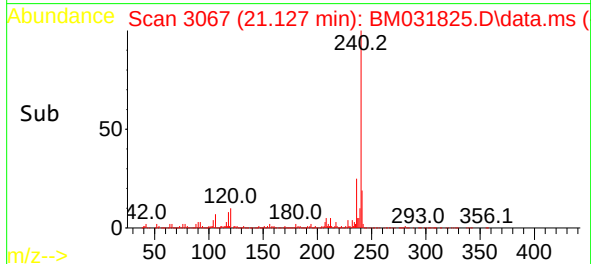
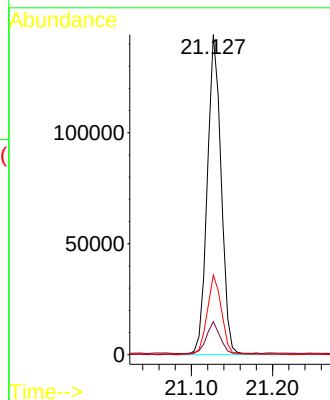
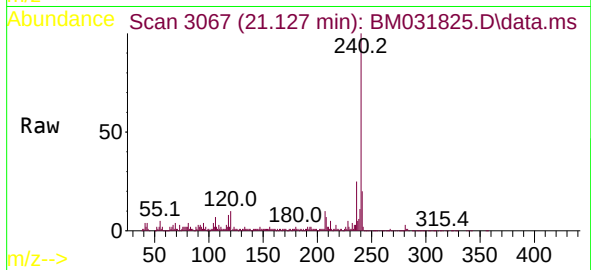
236 24.9 21.0 31.4

Instrument :

BNA_M

ClientSampleId :

SWCS-10-0205



#78

Pyrene

Concen: 3.432 ng

RT: 19.356 min Scan# 2766

Delta R.T. -0.006 min

Lab File: BM031825.D

Acq: 19 Aug 2021 13:05

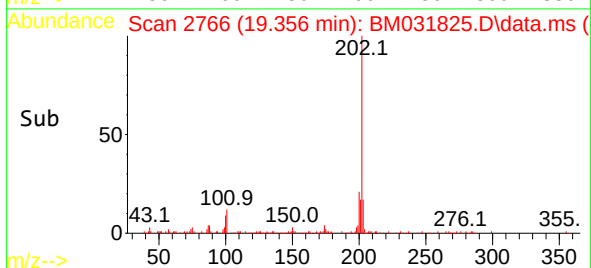
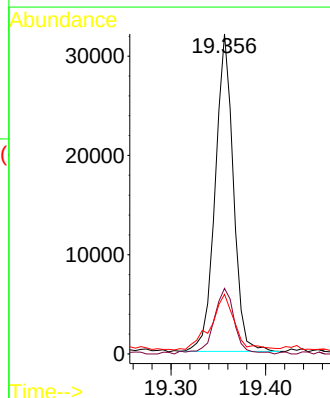
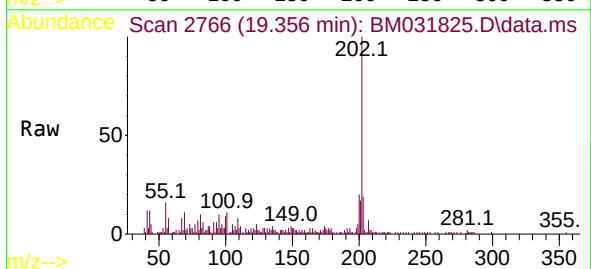
Tgt Ion:202 Resp: 42544

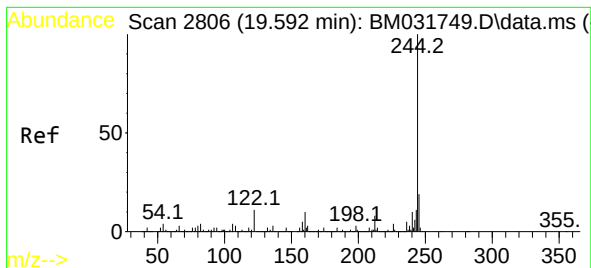
Ion Ratio Lower Upper

202 100

200 20.5 17.3 25.9

203 18.6 13.9 20.9





#79

Terphenyl-d14

Concen: 50.811 ng

RT: 19.574 min Scan# 2803

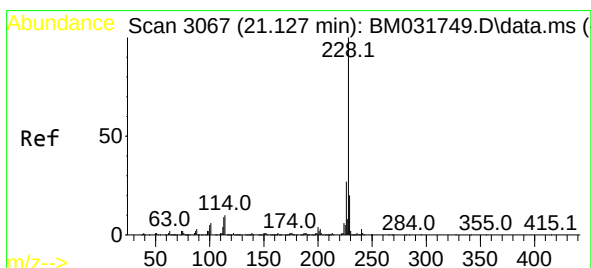
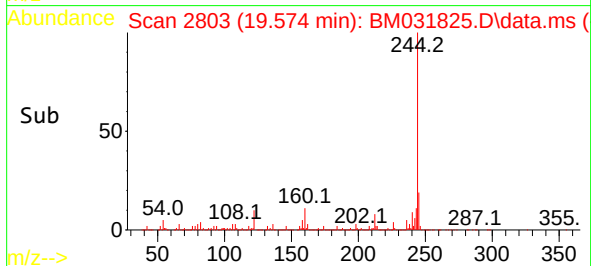
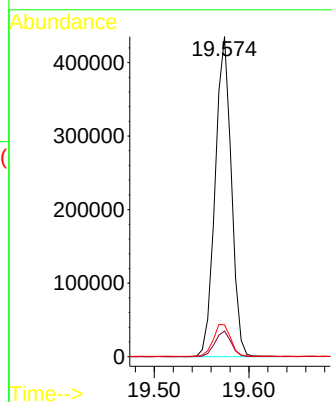
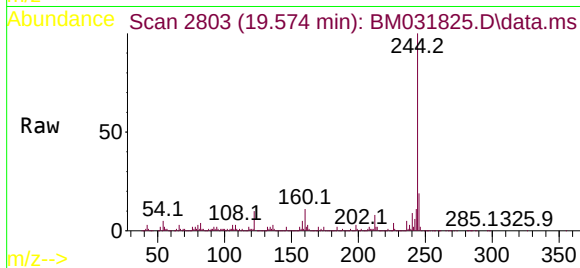
Delta R.T. -0.006 min

Lab File: BM031825.D

Acq: 19 Aug 2021 13:05

Tgt Ion:244	Resp:	516074
Ion Ratio	Lower	Upper
244	100	
212	8.0	6.3 9.5
122	9.9	6.9 10.3

Instrument :
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ClientSampleId :
SWCS-10-0205



#81

Benzo(a)anthracene

Concen: 2.241 ng

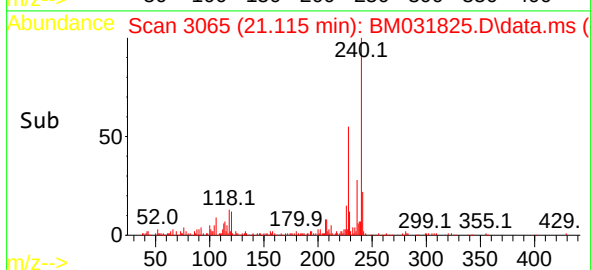
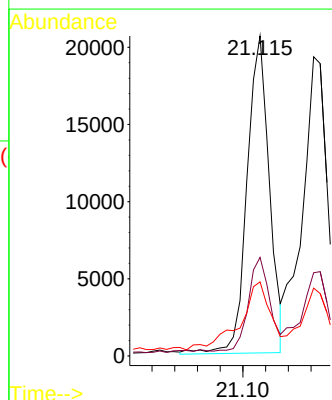
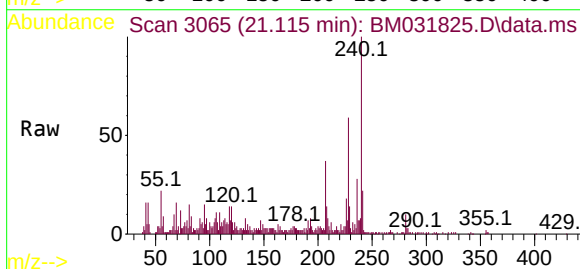
RT: 21.115 min Scan# 3065

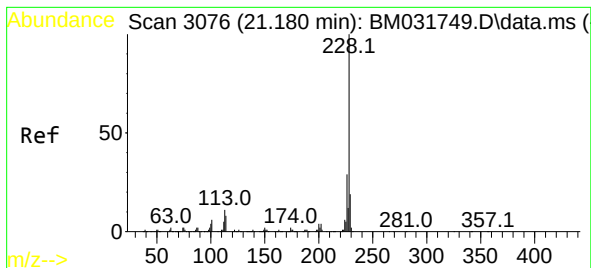
Delta R.T. -0.006 min

Lab File: BM031825.D

Acq: 19 Aug 2021 13:05

Tgt Ion:228	Resp:	28092
Ion Ratio	Lower	Upper
228	100	
226	30.8	22.3 33.5
229	23.1	15.7 23.5





#83

Chrysene

Concen: 2.245 ng

RT: 21.162 min Scan# 3073

Delta R.T. -0.012 min

Lab File: BM031825.D

Acq: 19 Aug 2021 13:05

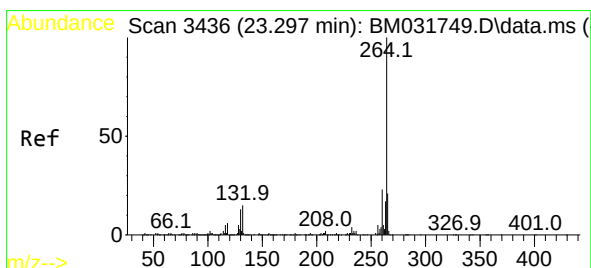
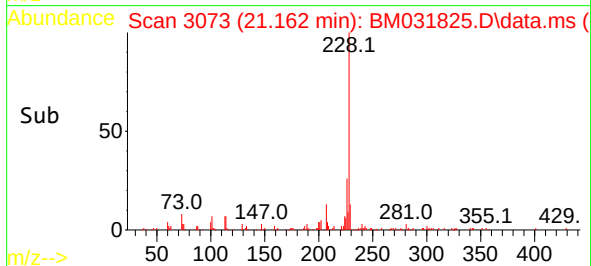
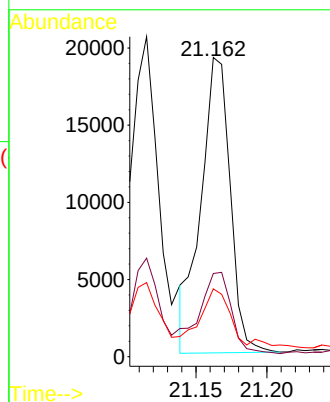
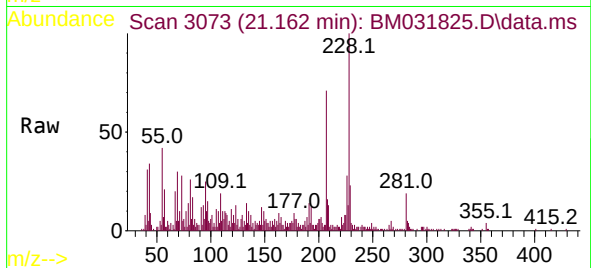
Tgt Ion:	228	Resp:	27424
Ion Ratio	Lower	Upper	
228	100		
226	27.8	24.6	36.8
229	22.7	15.5	23.3

Instrument :

BNA_M

ClientSampleId :

SWCS-10-0205



#86

Perylene-d12

Concen: 20.000 ng

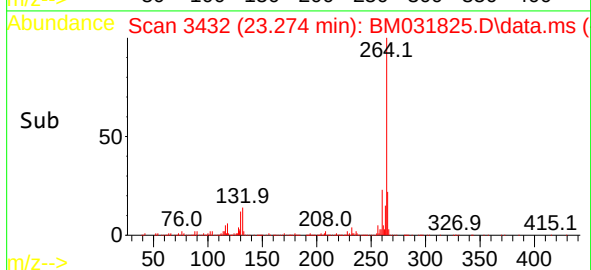
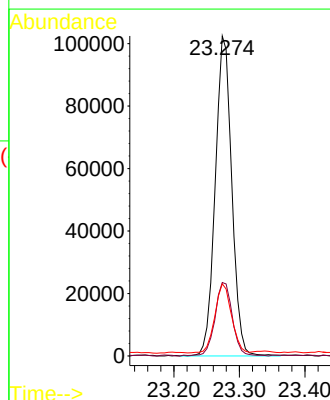
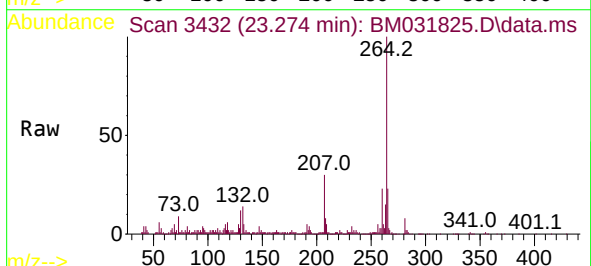
RT: 23.274 min Scan# 3432

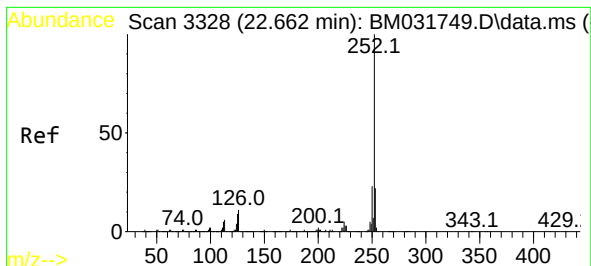
Delta R.T. -0.006 min

Lab File: BM031825.D

Acq: 19 Aug 2021 13:05

Tgt Ion:	264	Resp:	179083
Ion Ratio	Lower	Upper	
264	100		
260	22.9	19.8	29.8
265	22.5	17.7	26.5





#88

Benzo(b)fluoranthene

Concen: 2.910 ng

RT: 22.645 min Scan# 3325

Delta R.T. 0.000 min

Lab File: BM031825.D

Acq: 19 Aug 2021 13:05

Tgt Ion:252 Resp: 39132

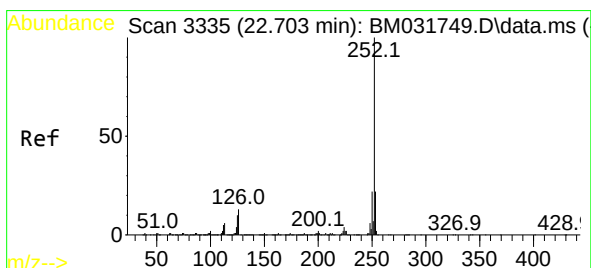
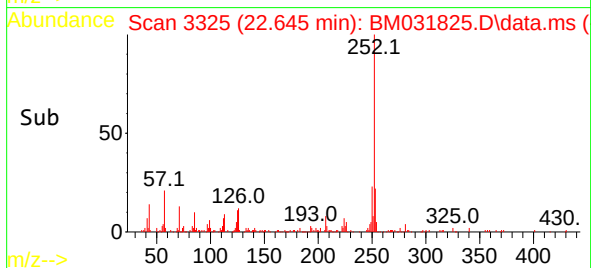
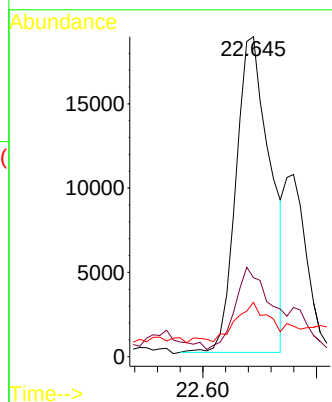
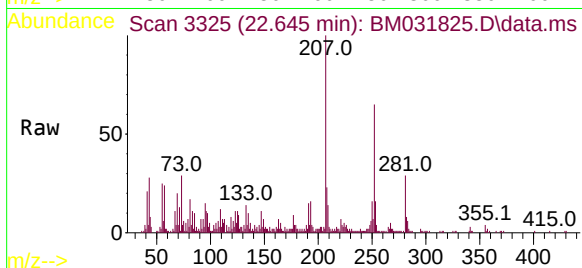
Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.4	26.0
125	17.0	6.8	10.2#

Instrument :

BNA_M

ClientSampleId :

SWCS-10-0205



#89

Benzo(k)fluoranthene

Concen: 3.015 ng

RT: 22.645 min Scan# 3325

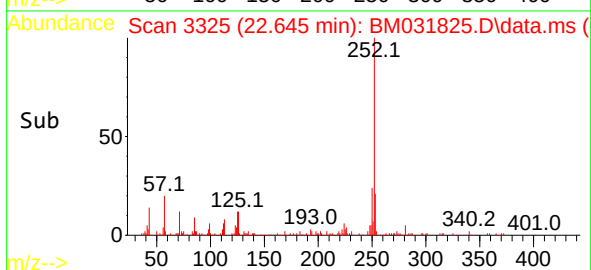
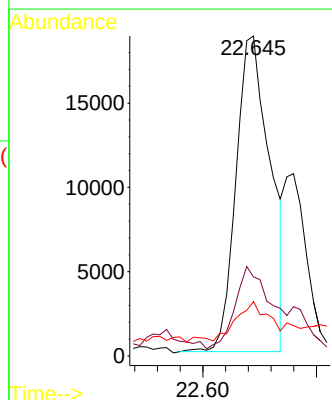
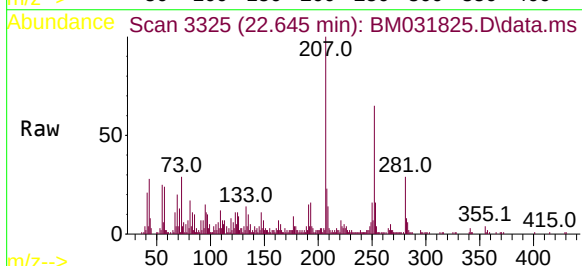
Delta R.T. -0.047 min

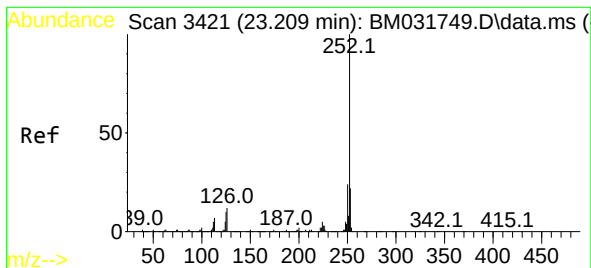
Lab File: BM031825.D

Acq: 19 Aug 2021 13:05

Tgt Ion:252 Resp: 39132

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.4	26.2
125	17.0	6.2	9.2#





#90
 Benzo(a)pyrene
 Concen: 2.293 ng
 RT: 23.186 min Scan# 3417
 Delta R.T. -0.006 min
 Lab File: BM031825.D
 Acq: 19 Aug 2021 13:05

Instrument :
 BNA_M
 ClientSampleId :
 SWCS-10-0205

Tgt Ion:252 Resp: 27300
 Ion Ratio Lower Upper
 252 100
 253 23.8 17.7 26.5
 125 16.9 7.3 10.9#

