

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
 Data File : BM031454.D
 Acq On : 04 Aug 2021 19:11
 Operator : CG/JU
 Sample : PB137968BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS968

Quant Time: Aug 05 01:01:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 04 12:17:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

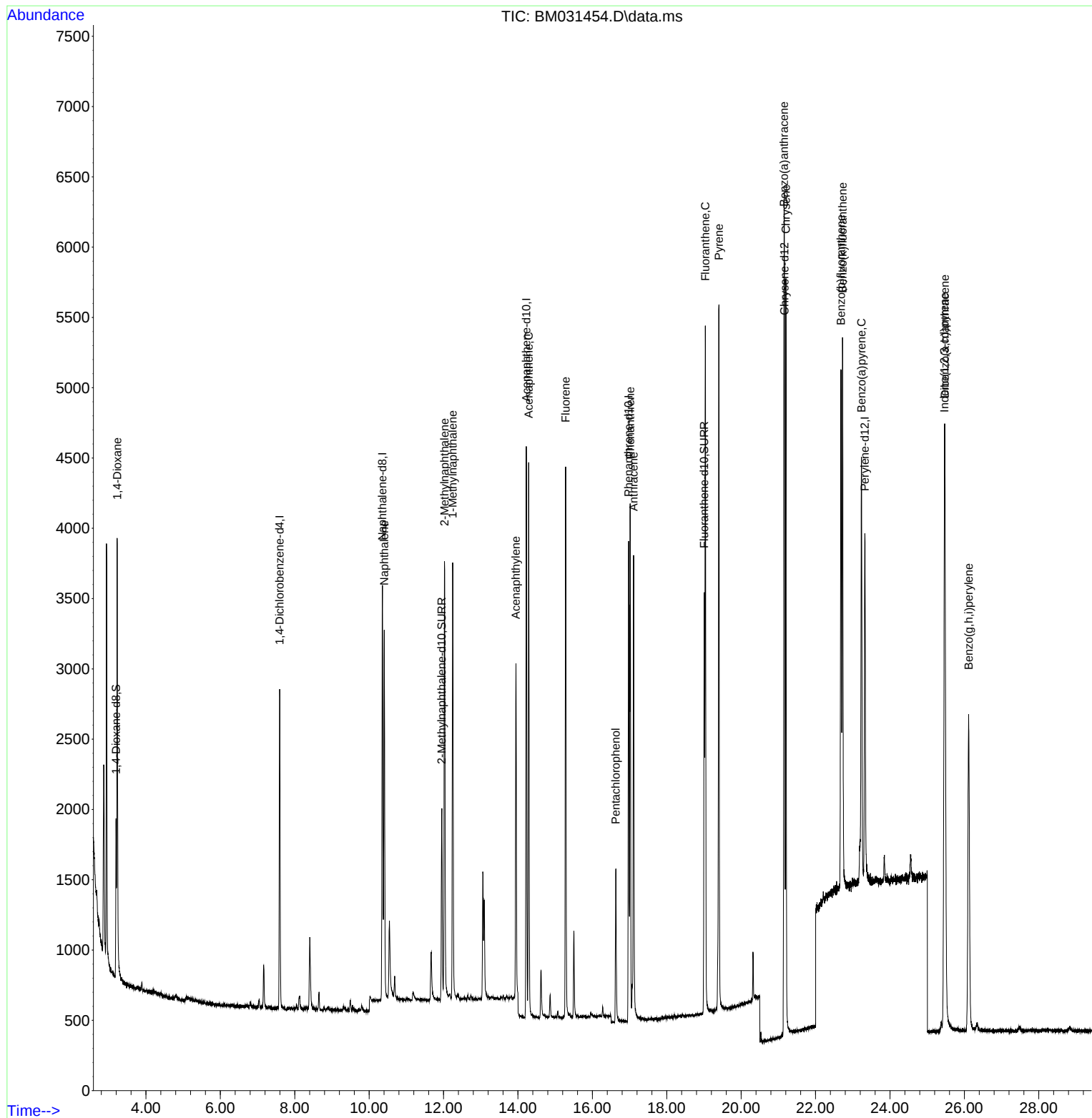
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.594	152	1128	0.400	ng/ul	0.00
4) Naphthalene-d8	10.356	136	4104	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.224	164	2333	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.975	188	4363	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.166	240	3391	0.400	ng/ul	0.00
23) Perylene-d12	23.326	264	3223	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.196	96	688	0.549	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.953	152	1914	0.277	ng/ul	0.00
18) Fluoranthene-d10	19.005	212	3548	0.314	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.227	88	1955	1.545	ng/ul#	83
5) Naphthalene	10.406	128	3638	0.298	ng/ul	97
7) 2-Methylnaphthalene	12.029	142	2394	0.287	ng/ul	100
8) 1-Methylnaphthalene	12.245	142	2180	0.264	ng/ul	99
10) Acenaphthylene	13.945	152	2981	0.300	ng/ul	99
11) Acenaphthene	14.288	153	2361	0.282	ng/ul	98
12) Fluorene	15.281	166	2583	0.268	ng/ul	100
14) Pentachlorophenol	16.631	266	834	0.597	ng/ul	98
15) Phenanthrene	17.016	178	4032	0.291	ng/ul	97
16) Anthracene	17.106	178	3701	0.285	ng/ul	98
19) Fluoranthene	19.035	202	4574	0.316	ng/ul#	97
20) Pyrene	19.401	202	4698	0.320	ng/ul	99
21) Benzo(a)anthracene	21.151	228	4466	0.326	ng/ul	98
22) Chrysene	21.202	228	4698	0.332	ng/ul	98
24) Benzo(b)fluoranthene	22.682	252	4692	0.323	ng/ul	95
25) Benzo(k)fluoranthene	22.725	252	4932	0.329	ng/ul	97
26) Benzo(a)pyrene	23.232	252	4222	0.332	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.465	276	5450	0.332	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.475	278	4335	0.327	ng/ul	99
29) Benzo(g,h,i)perylene	26.115	276	4650	0.332	ng/ul	95

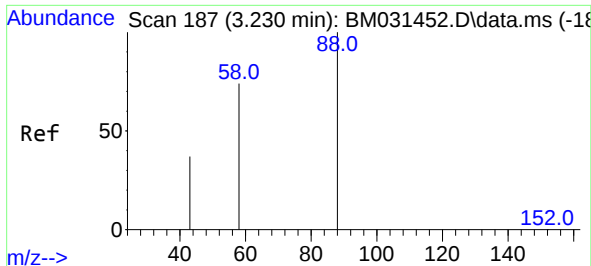
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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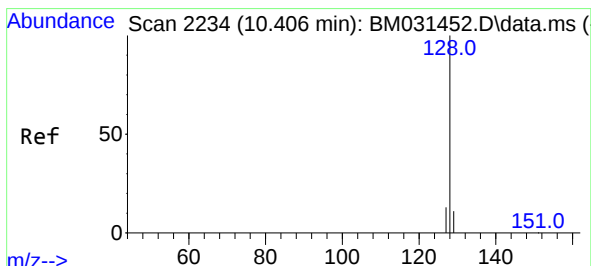
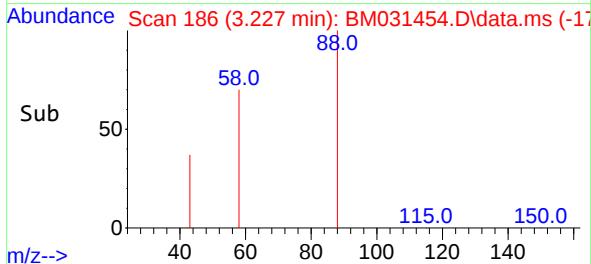
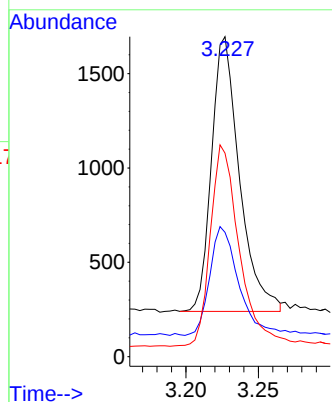
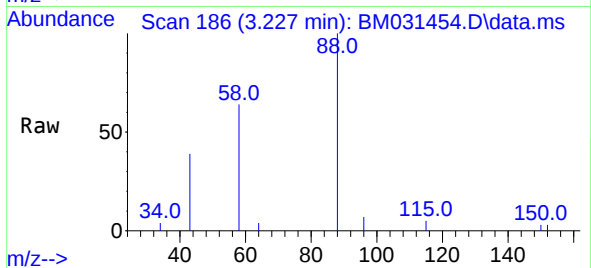




#2
1,4-Dioxane
Concen: 1.545 ng/ul
RT: 3.227 min Scan# 186
Delta R.T. -0.004 min
Lab File: BM031454.D
Acq: 04 Aug 2021 19:11

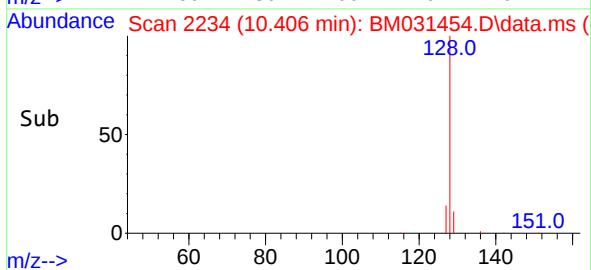
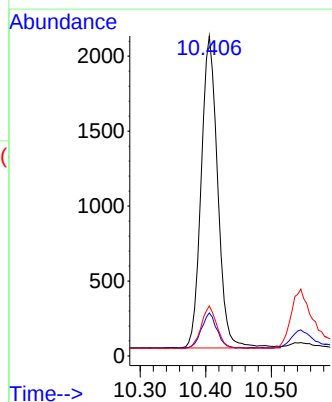
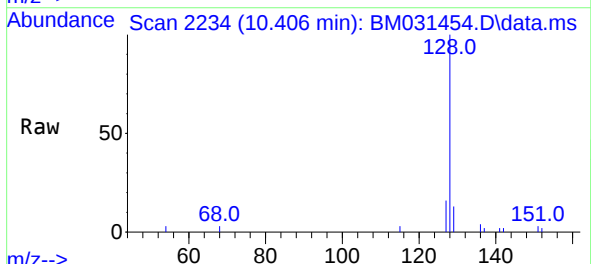
Instrument :
BNA_M
ClientSampleId :
SLCS968

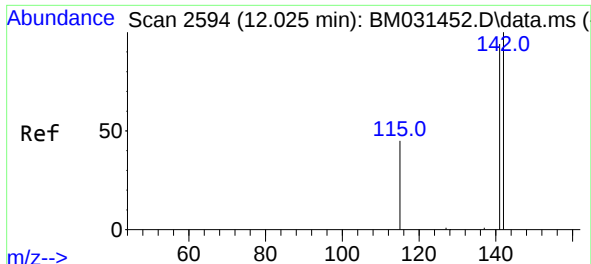
Tgt Ion:	88	Resp:	1955
Ion	Ratio	Lower	Upper
88	100		
43	38.9	29.7	44.5
58	63.6	35.6	53.4#



#5
Naphthalene
Concen: 0.298 ng/ul
RT: 10.406 min Scan# 2234
Delta R.T. 0.001 min
Lab File: BM031454.D
Acq: 04 Aug 2021 19:11

Tgt Ion:	128	Resp:	3638
Ion	Ratio	Lower	Upper
128	100		
129	13.4	10.0	15.0
127	15.6	11.6	17.4

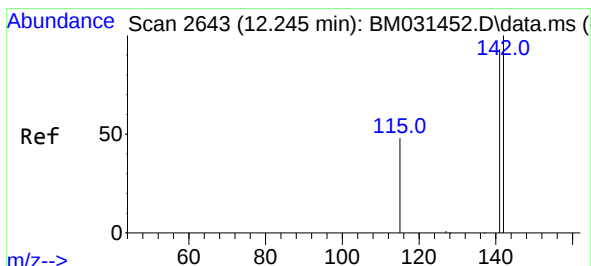
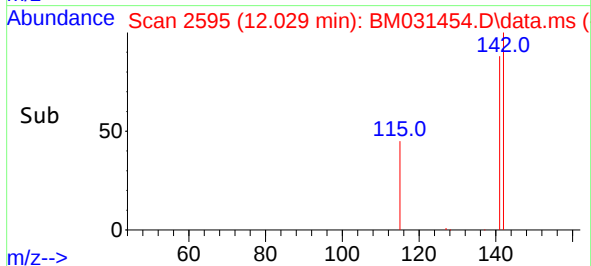
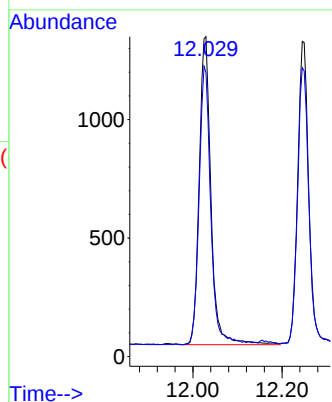
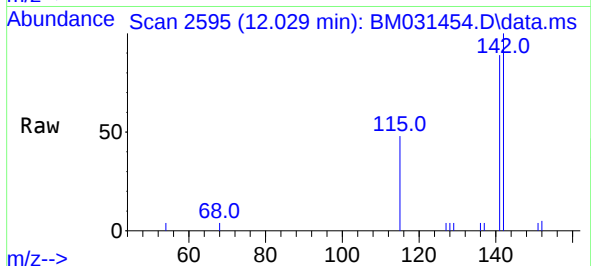




#7
2-Methylnaphthalene
Concen: 0.287 ng/ul
RT: 12.029 min Scan# 2595
Delta R.T. 0.001 min
Lab File: BM031454.D
Acq: 04 Aug 2021 19:11

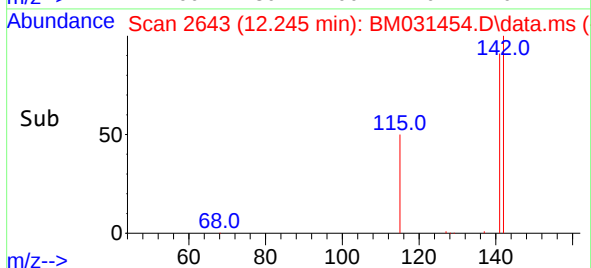
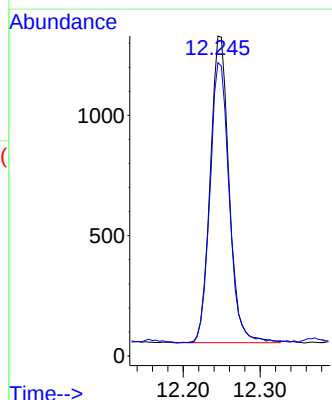
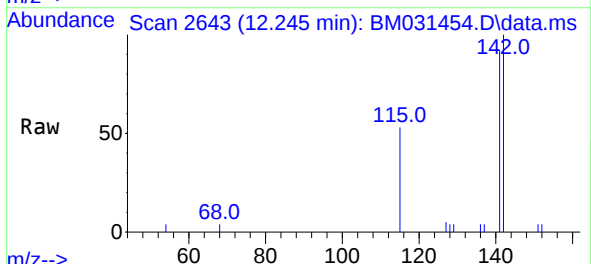
Instrument :
BNA_M
ClientSampled :
SLCS968

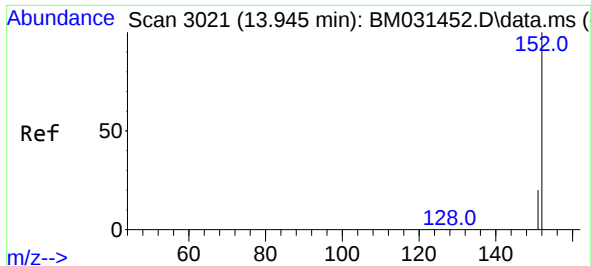
Tgt Ion:142 Resp: 2394
Ion Ratio Lower Upper
142 100
141 89.4 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.264 ng/ul
RT: 12.245 min Scan# 2643
Delta R.T. -0.004 min
Lab File: BM031454.D
Acq: 04 Aug 2021 19:11

Tgt Ion:142 Resp: 2180
Ion Ratio Lower Upper
142 100
141 93.2 74.1 111.1

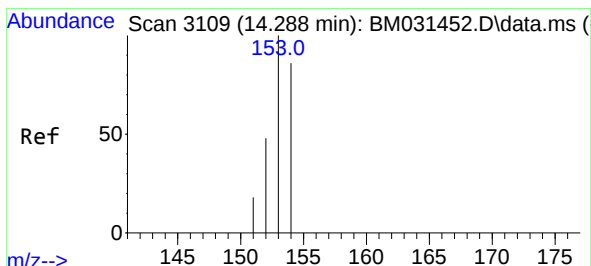
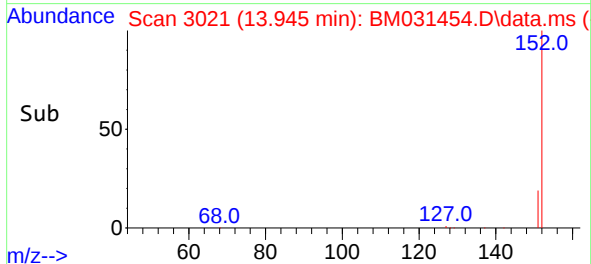
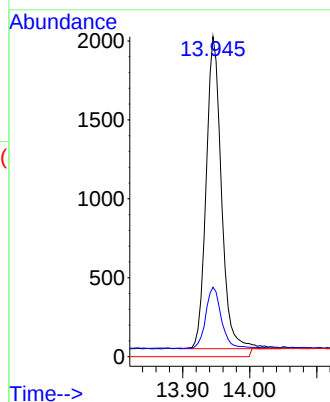
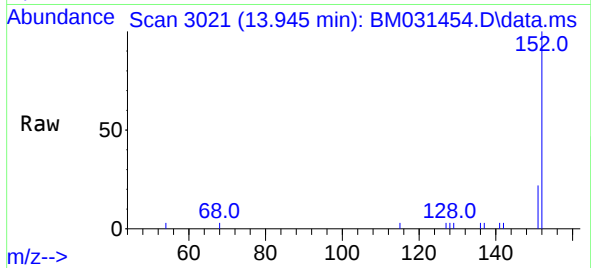




#10
Acenaphthylene
Concen: 0.300 ng/ul
RT: 13.945 min Scan# 3021
Delta R.T. -0.004 min
Lab File: BM031454.D
Acq: 04 Aug 2021 19:11

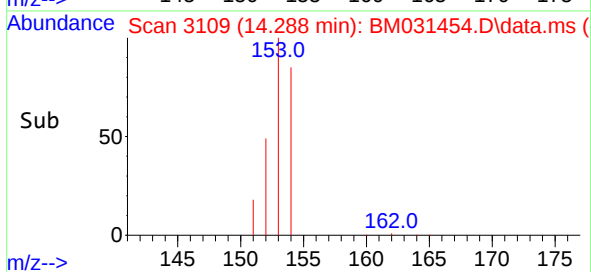
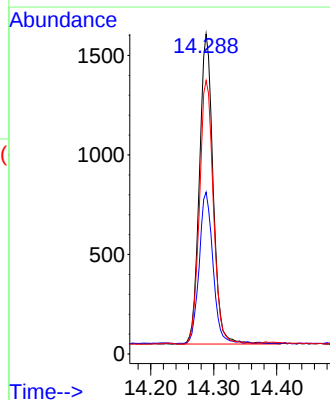
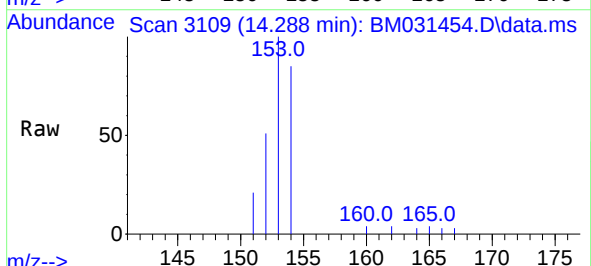
Instrument :
BNA_M
ClientSampled :
SLCS968

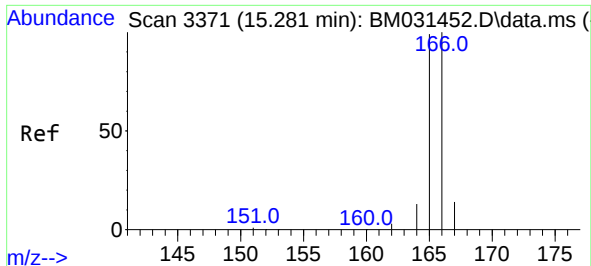
Tgt Ion:	152	Resp:	2981
Ion Ratio	Lower	Upper	
152	100		
151	21.7	16.9	25.3
153	0.0	0.0	0.0



#11
Acenaphthene
Concen: 0.282 ng/ul
RT: 14.288 min Scan# 3109
Delta R.T. 0.000 min
Lab File: BM031454.D
Acq: 04 Aug 2021 19:11

Tgt Ion:	153	Resp:	2361
Ion Ratio	Lower	Upper	
153	100		
152	50.6	40.7	61.1
154	85.4	70.2	105.2

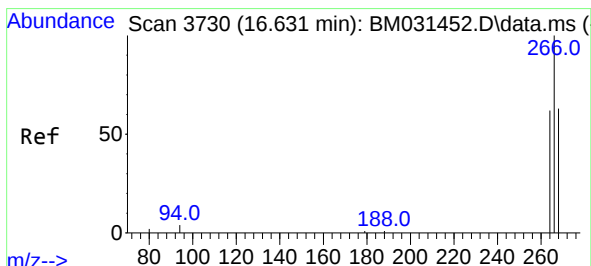
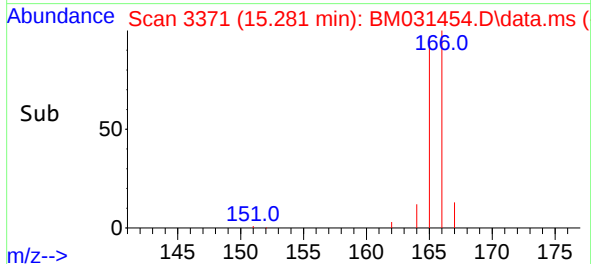
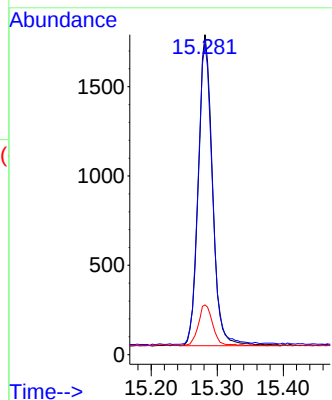
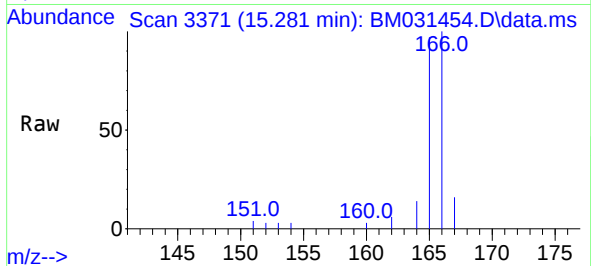




#12
Fluorene
Concen: 0.268 ng/ul
RT: 15.281 min Scan# 3371
Delta R.T. 0.000 min
Lab File: BM031454.D
Acq: 04 Aug 2021 19:11

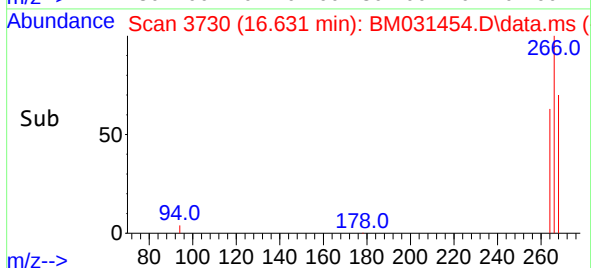
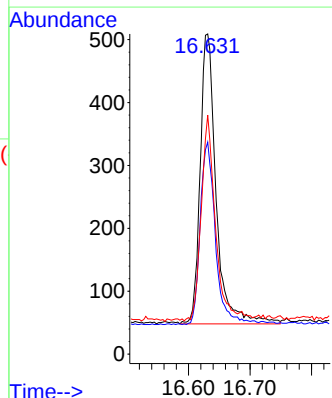
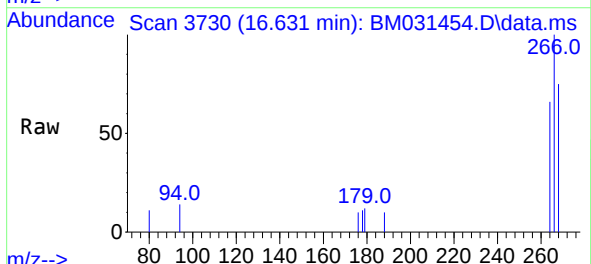
Instrument :
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ClientSampleId :
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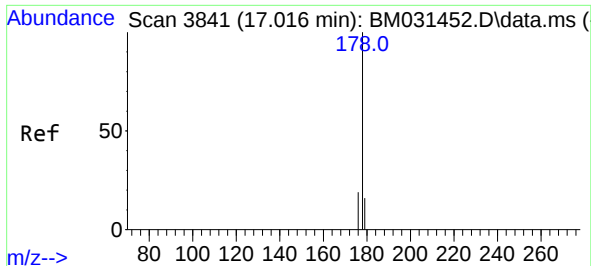
Tgt Ion:166 Resp: 2583
Ion Ratio Lower Upper
166 100
165 97.2 78.0 117.0
167 15.5 12.0 18.0



#14
Pentachlorophenol
Concen: 0.597 ng/ul
RT: 16.631 min Scan# 3730
Delta R.T. 0.000 min
Lab File: BM031454.D
Acq: 04 Aug 2021 19:11

Tgt Ion:266 Resp: 834
Ion Ratio Lower Upper
266 100
264 59.7 50.1 75.1
268 63.4 51.3 76.9

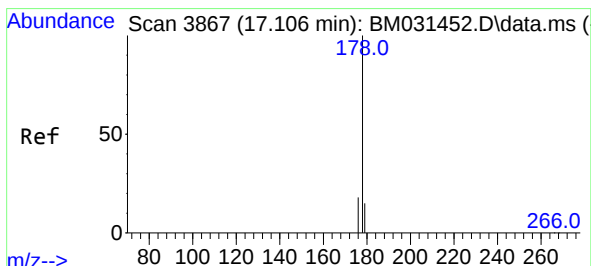
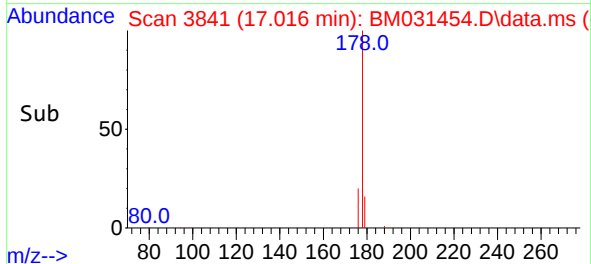
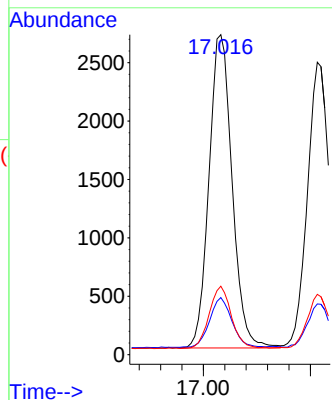
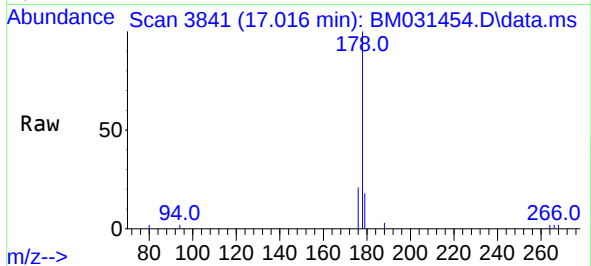




#15
Phenanthrene
Concen: 0.291 ng/ul
RT: 17.016 min Scan# 3841
Delta R.T. 0.000 min
Lab File: BM031454.D
Acq: 04 Aug 2021 19:11

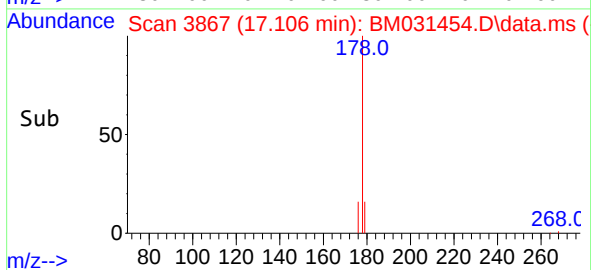
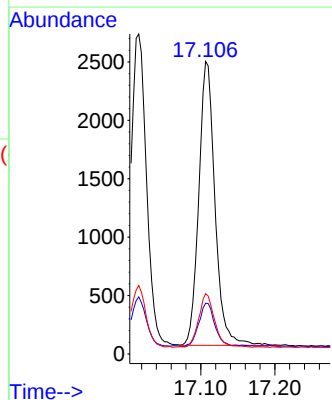
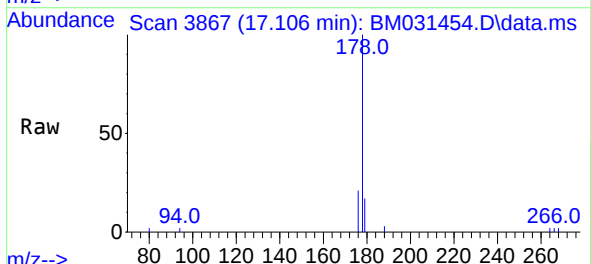
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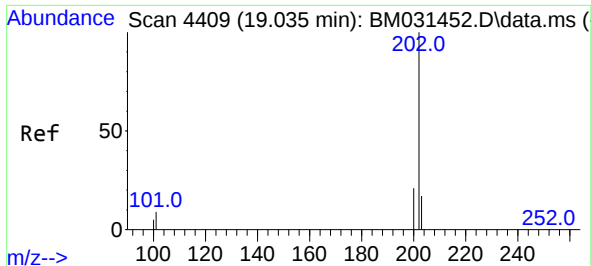
Tgt Ion:	178	Resp:	4032
Ion Ratio	Lower	Upper	
178	100		
179	17.8	13.3	19.9
176	21.4	16.2	24.4



#16
Anthracene
Concen: 0.285 ng/ul
RT: 17.106 min Scan# 3867
Delta R.T. -0.003 min
Lab File: BM031454.D
Acq: 04 Aug 2021 19:11

Tgt Ion:	178	Resp:	3701
Ion Ratio	Lower	Upper	
178	100		
179	17.3	13.0	19.6
176	20.6	15.6	23.4

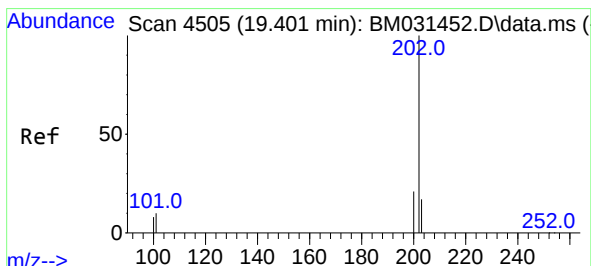
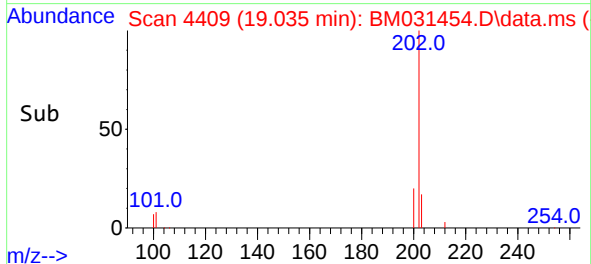
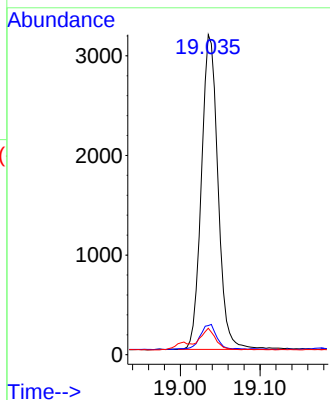
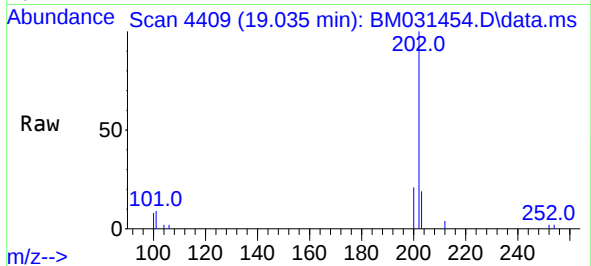




#19
Fluoranthene
Concen: 0.316 ng/ul
RT: 19.035 min Scan# 4409
Delta R.T. -0.004 min
Lab File: BM031454.D
Acq: 04 Aug 2021 19:11

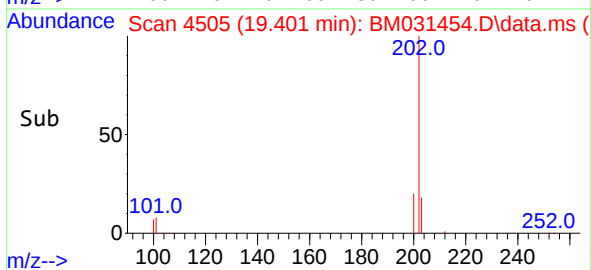
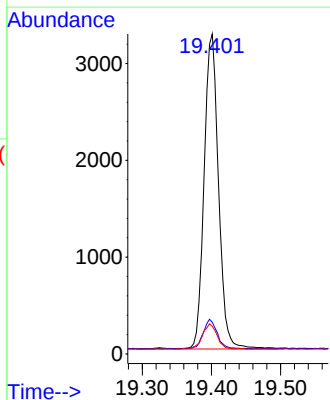
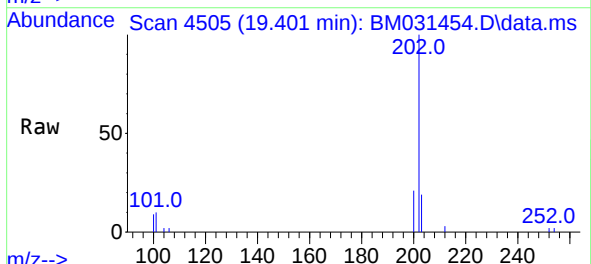
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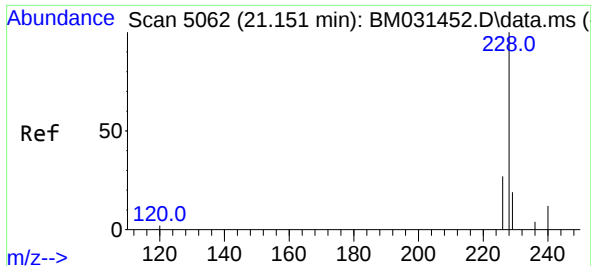
Tgt Ion:	202	Resp:	4574
Ion Ratio	Lower	Upper	
202	100		
101	9.1	6.6	10.0
100	8.3	5.4	8.0#



#20
Pyrene
Concen: 0.320 ng/ul
RT: 19.401 min Scan# 4505
Delta R.T. 0.000 min
Lab File: BM031454.D
Acq: 04 Aug 2021 19:11

Tgt Ion:	202	Resp:	4698
Ion Ratio	Lower	Upper	
202	100		
101	9.9	7.8	11.6
100	8.6	6.6	10.0

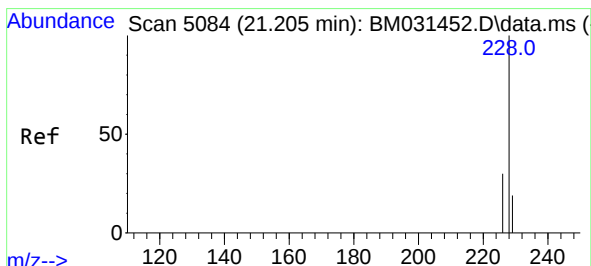
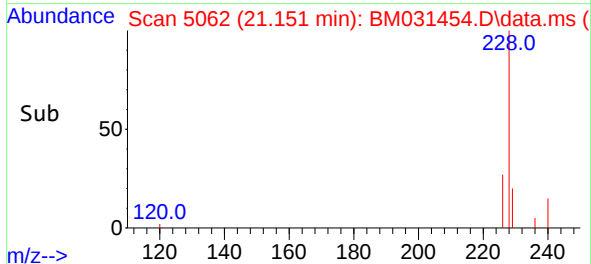
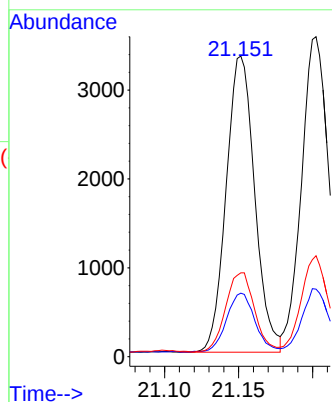
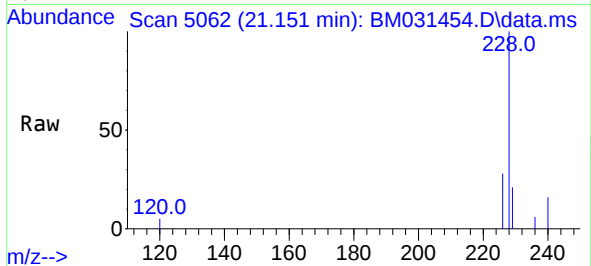




#21
Benzo(a)anthracene
Concen: 0.326 ng/ul
RT: 21.151 min Scan# 5062
Delta R.T. -0.002 min
Lab File: BM031454.D
Acq: 04 Aug 2021 19:11

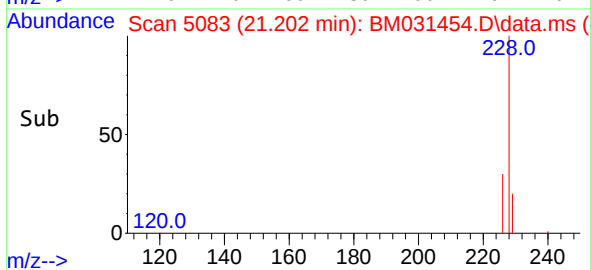
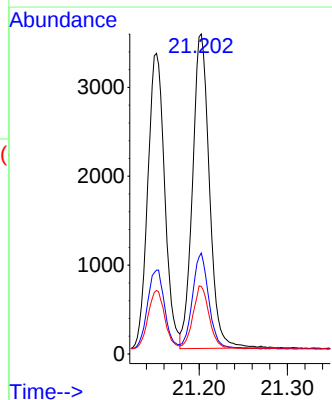
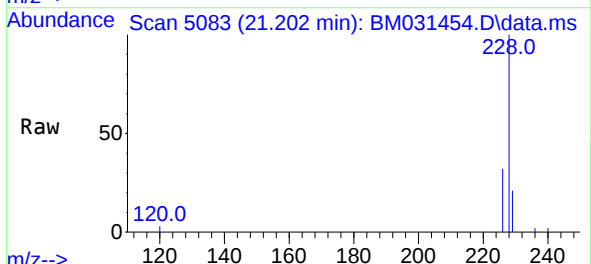
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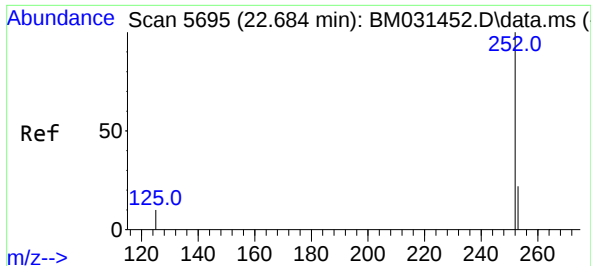
Tgt Ion:228	Resp:	4466
Ion Ratio	Lower	Upper
228	100	
229	21.1	15.6 23.4
226	27.9	21.7 32.5



#22
Chrysene
Concen: 0.332 ng/ul
RT: 21.202 min Scan# 5083
Delta R.T. -0.002 min
Lab File: BM031454.D
Acq: 04 Aug 2021 19:11

Tgt Ion:228	Resp:	4698
Ion Ratio	Lower	Upper
228	100	
226	31.6	24.7 37.1
229	21.1	16.2 24.2

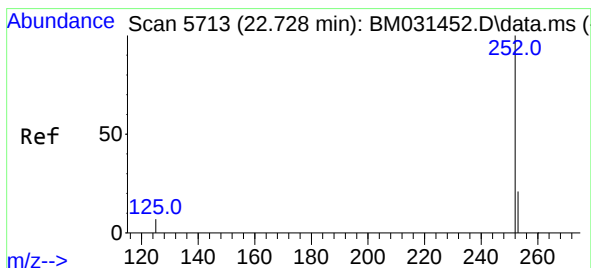
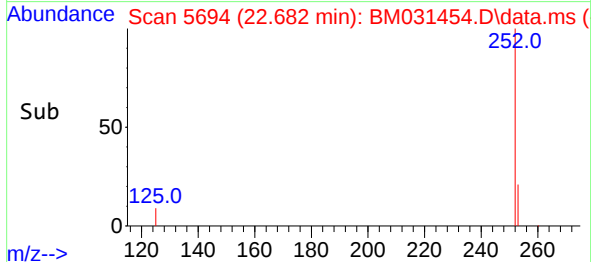
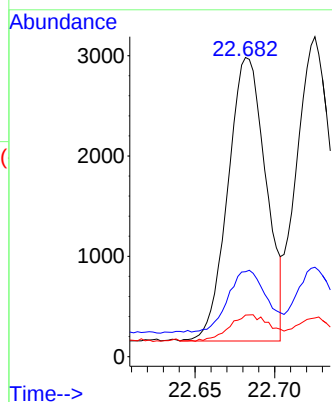
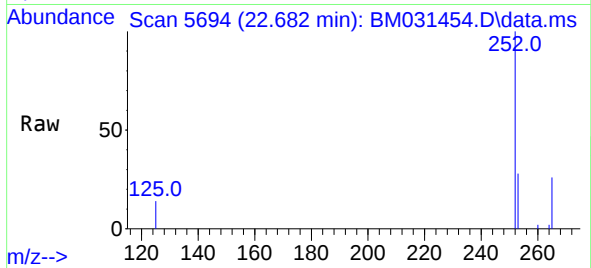




#24
Benzo(b)fluoranthene
Concen: 0.323 ng/ul
RT: 22.682 min Scan# 5694
Delta R.T. -0.005 min
Lab File: BM031454.D
Acq: 04 Aug 2021 19:11

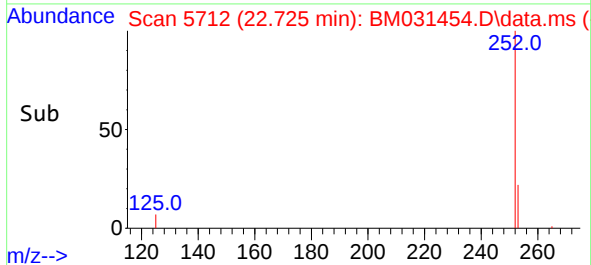
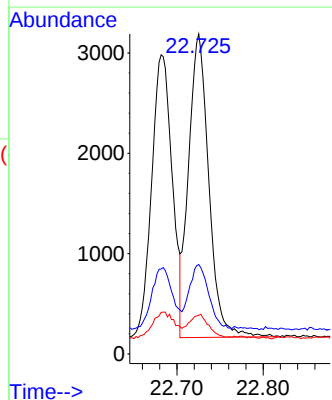
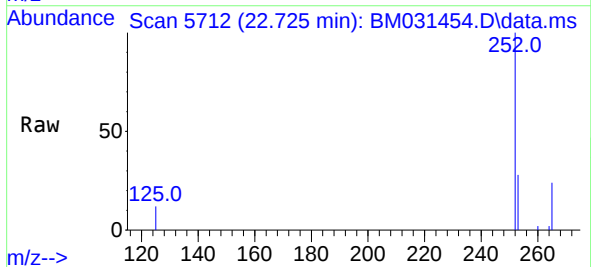
Instrument :
BNA_M
ClientSampled :
SLCS968

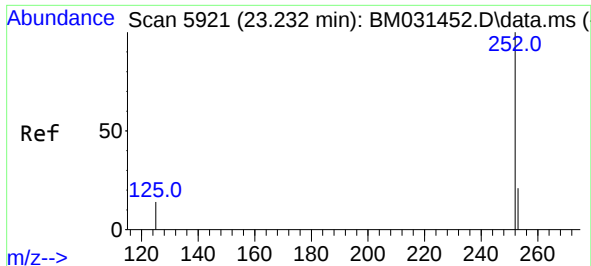
Tgt Ion:252	Resp:	4692
Ion Ratio	Lower	Upper
252	100	
253	28.4	0.0 53.0
125	13.9	0.0 22.8



#25
Benzo(k)fluoranthene
Concen: 0.329 ng/ul
RT: 22.725 min Scan# 5712
Delta R.T. -0.002 min
Lab File: BM031454.D
Acq: 04 Aug 2021 19:11

Tgt Ion:252	Resp:	4932
Ion Ratio	Lower	Upper
252	100	
253	27.9	21.3 31.9
125	12.1	8.8 13.2

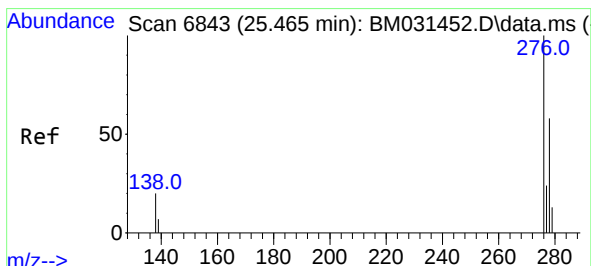
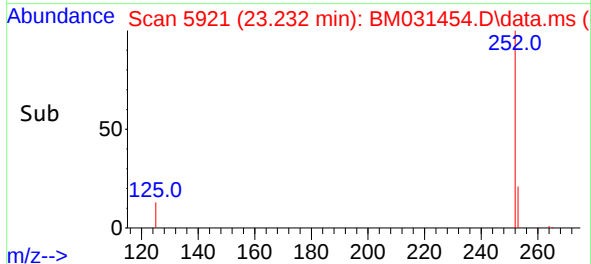
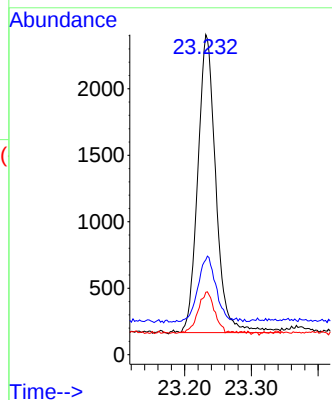
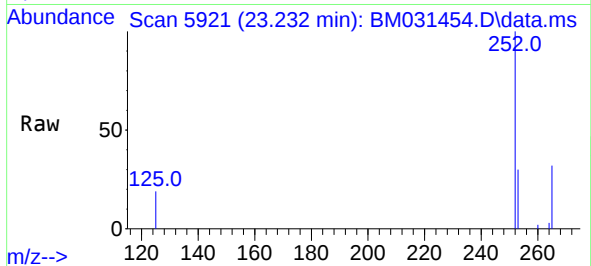




#26
Benzo(a)pyrene
Concen: 0.332 ng/ul
RT: 23.232 min Scan# 5921
Delta R.T. -0.002 min
Lab File: BM031454.D
Acq: 04 Aug 2021 19:11

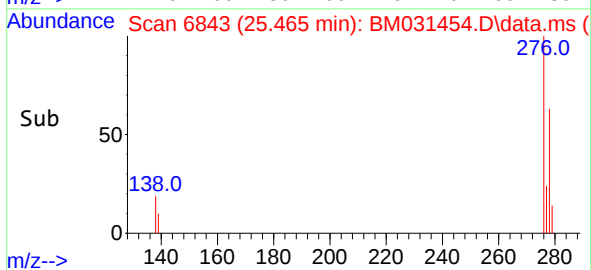
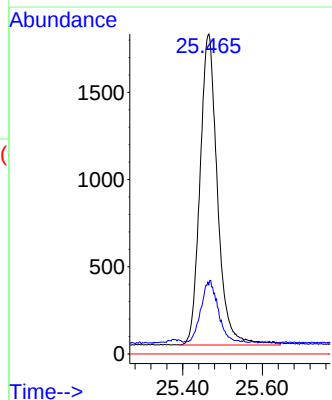
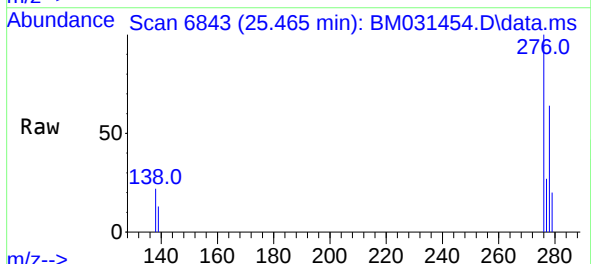
Instrument :
BNA_M
ClientSampleId :
SLCS968

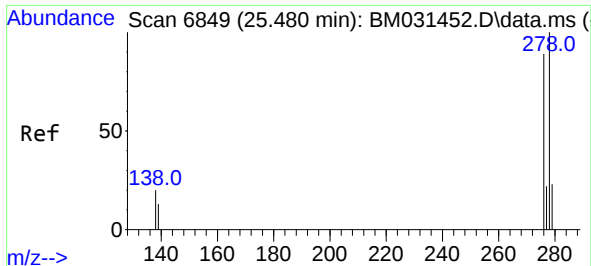
Tgt Ion:	252	Resp:	4222
Ion Ratio	Lower	Upper	
252	100		
253	29.7	22.4	33.6
125	19.5	13.0	19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.332 ng/ul
RT: 25.465 min Scan# 6843
Delta R.T. 0.000 min
Lab File: BM031454.D
Acq: 04 Aug 2021 19:11

Tgt Ion:	276	Resp:	5450
Ion Ratio	Lower	Upper	
276	100		
138	19.0	15.8	23.8
227	0.0	0.0	0.0

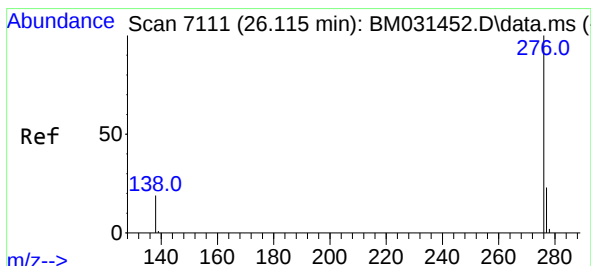
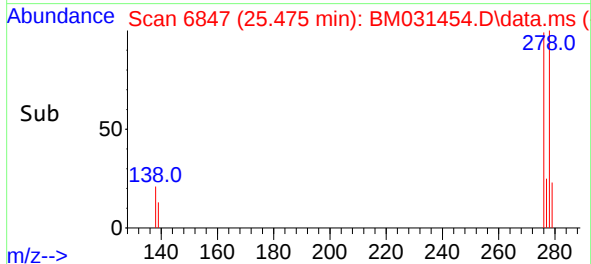
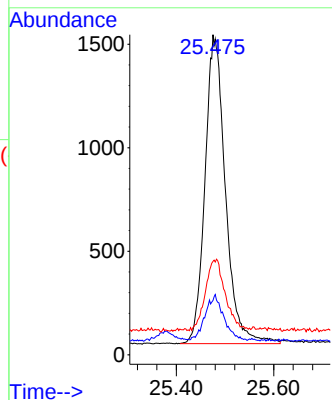
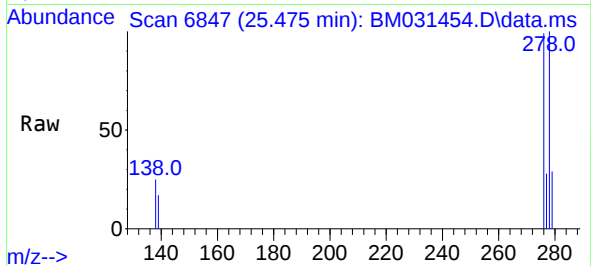




#28
Dibenzo(a,h)anthracene
Concen: 0.327 ng/ul
RT: 25.475 min Scan# 6847
Delta R.T. -0.010 min
Lab File: BM031454.D
Acq: 04 Aug 2021 19:11

Instrument :
BNA_M
ClientSampleId :
SLCS968

Tgt Ion:278 Resp: 4335
Ion Ratio Lower Upper
278 100
139 16.9 13.3 19.9
279 29.2 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.332 ng/ul
RT: 26.115 min Scan# 7111
Delta R.T. -0.005 min
Lab File: BM031454.D
Acq: 04 Aug 2021 19:11

Tgt Ion:276 Resp: 4650
Ion Ratio Lower Upper
276 100
138 21.2 15.4 23.2
277 27.5 19.9 29.9

