

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
 Data File : BM032084.D
 Acq On : 04 Sep 2021 19:43
 Operator : CG/JU
 Sample : PB138691BS
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS691

Quant Time: Sep 06 03:56:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM090321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 03 16:21:27 2021
 Response via : Initial Calibration

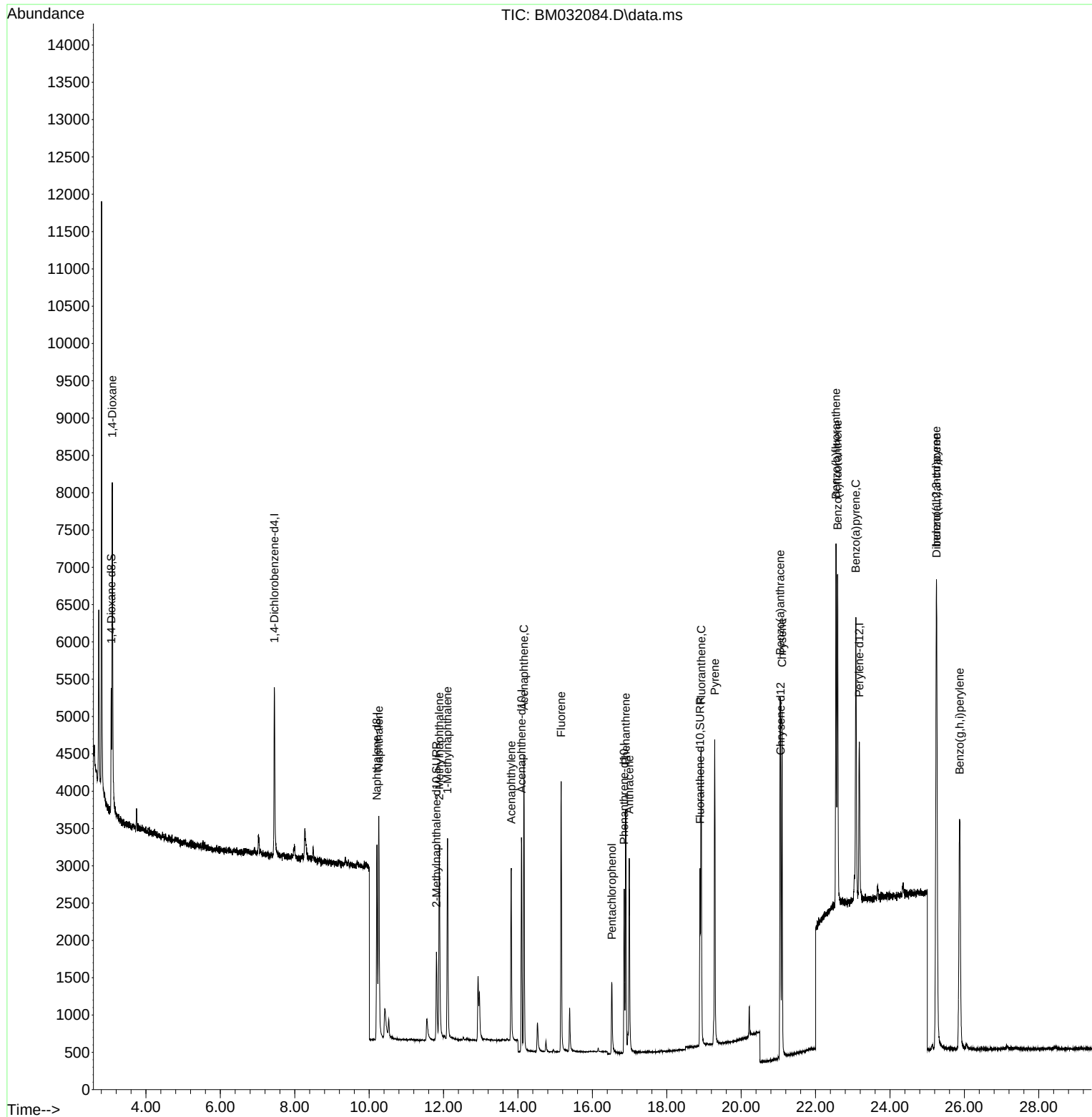
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.452	152	1322	0.400	ng/ul	0.00
4) Naphthalene-d8	10.208	136	3999	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.095	164	1389	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	16.855	188	2808	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.062	240	2207	0.400	ng/ul	#-0.01
23) Perylene-d12	23.176	264	2597	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.068	96	1051	0.724	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.809	152	1879	0.304	ng/ul	-0.01
18) Fluoranthene-d10	18.892	212	2767	0.428	ng/ul	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.096	88	2849	2.008	ng/ul#	85
5) Naphthalene	10.257	128	4563	0.430	ng/ul	99
7) 2-Methylnaphthalene	11.886	142	2276	0.307	ng/ul	98
8) 1-Methylnaphthalene	12.106	142	2021	0.277	ng/ul	94
10) Acenaphthylene	13.819	152	3126	0.558	ng/ul	99
11) Acenaphthene	14.159	153	2200	0.480	ng/ul#	84
12) Fluorene	15.160	166	2347	0.439	ng/ul	95
14) Pentachlorophenol	16.525	266	774	1.042	ng/ul	92
15) Phenanthrene	16.897	178	3565	0.417	ng/ul	98
16) Anthracene	16.990	178	3172	0.423	ng/ul	98
19) Fluoranthene	18.927	202	3884	0.407	ng/ul	96
20) Pyrene	19.289	202	3755	0.382	ng/ul#	93
21) Benzo(a)anthracene	21.047	228	3833	0.475	ng/ul	98
22) Chrysene	21.098	228	4167	0.450	ng/ul	98
24) Benzo(b)fluoranthene	22.551	252	5755	0.482	ng/ul	96
25) Benzo(k)fluoranthene	22.589	252	5619	0.456	ng/ul	95
26) Benzo(a)pyrene	23.084	252	5180	0.496	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.247	276	7132	0.502	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.255	278	5540	0.485	ng/ul	96
29) Benzo(g,h,i)perylene	25.872	276	6227	0.492	ng/ul	97

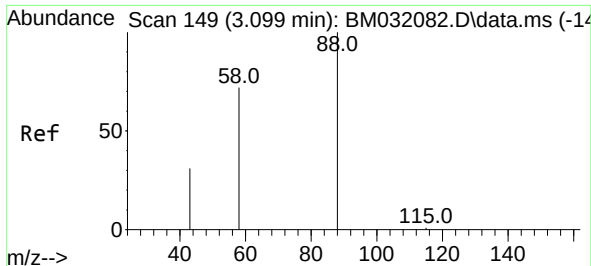
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 03 16:21:27 2021
Response via : Initial Calibration

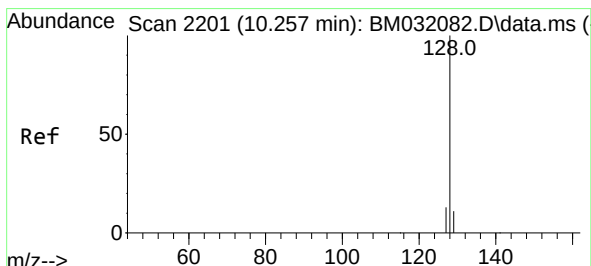
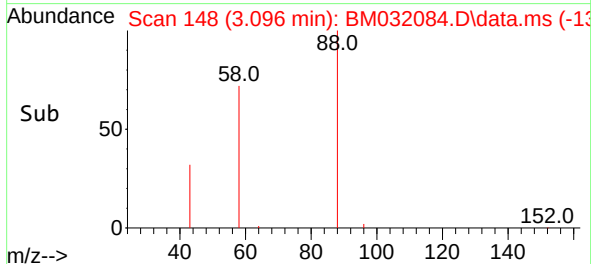
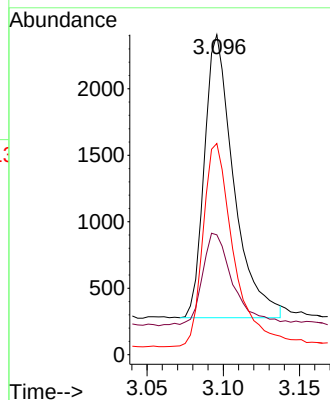
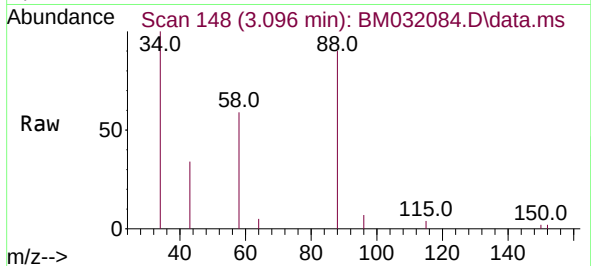




#2
1,4-Dioxane
Concen: 2.008 ng/ul
RT: 3.096 min Scan# 148
Delta R.T. -0.007 min
Lab File: BM032084.D
Acq: 04 Sep 2021 19:43

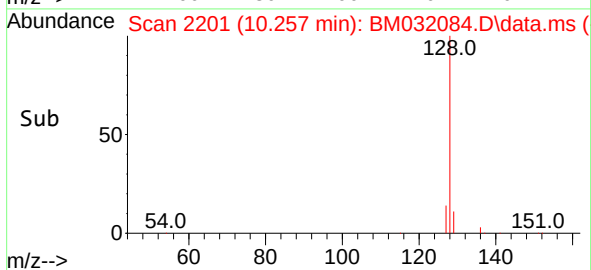
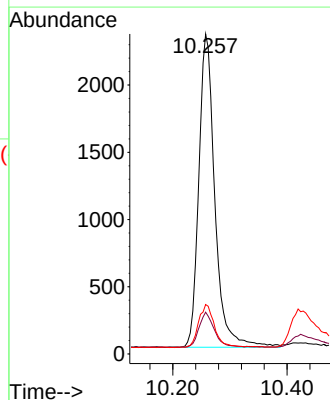
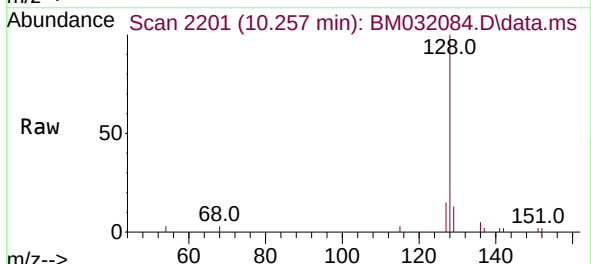
Instrument :
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ClientSampleId :
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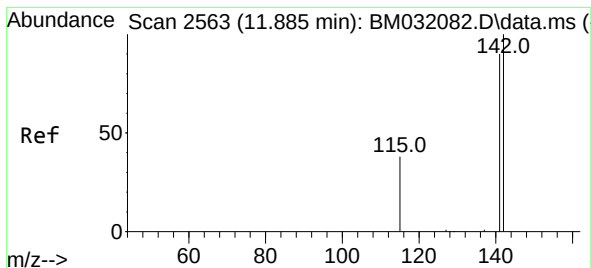
Tgt Ion: 88 Resp: 2849
Ion Ratio Lower Upper
88 100
43 37.4 29.4 44.2
58 66.0 38.6 58.0#



#5
Naphthalene
Concen: 0.430 ng/ul
RT: 10.257 min Scan# 2201
Delta R.T. -0.013 min
Lab File: BM032084.D
Acq: 04 Sep 2021 19:43

Tgt Ion: 128 Resp: 4563
Ion Ratio Lower Upper
128 100
129 13.1 10.9 16.3
127 15.5 12.4 18.6

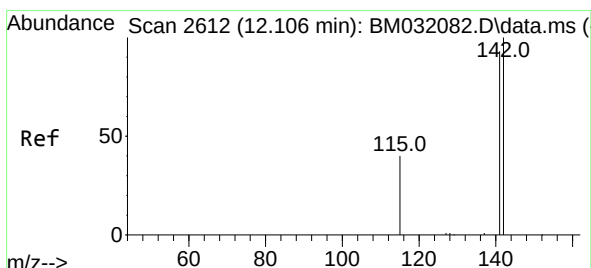
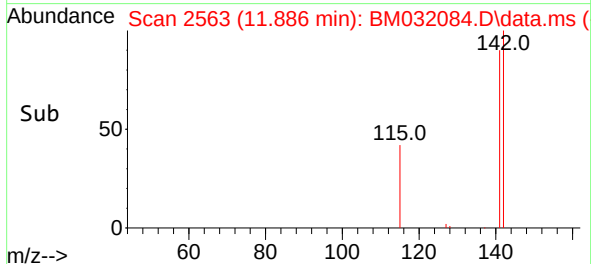
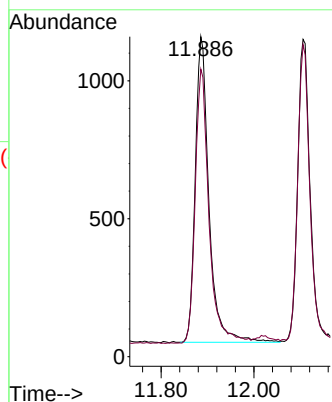
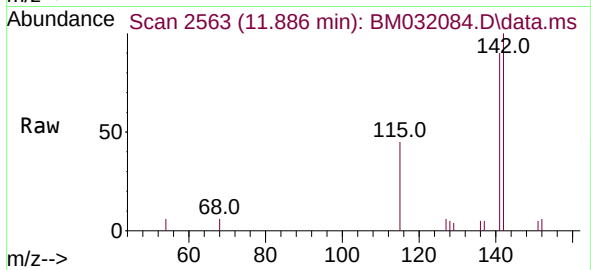




#7
2-Methylnaphthalene
Concen: 0.307 ng/ul
RT: 11.886 min Scan# 2563
Delta R.T. -0.013 min
Lab File: BM032084.D
Acq: 04 Sep 2021 19:43

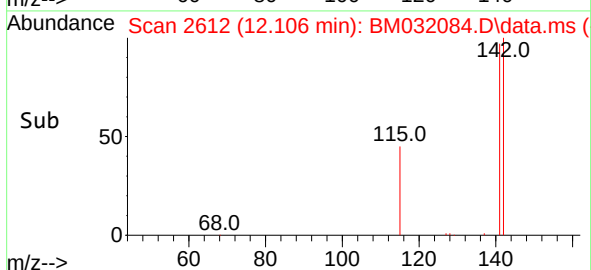
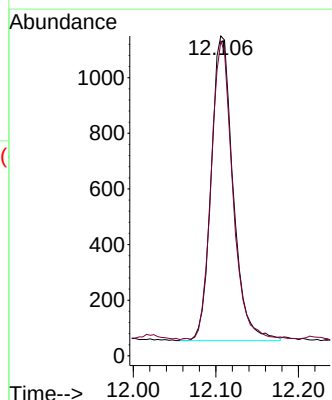
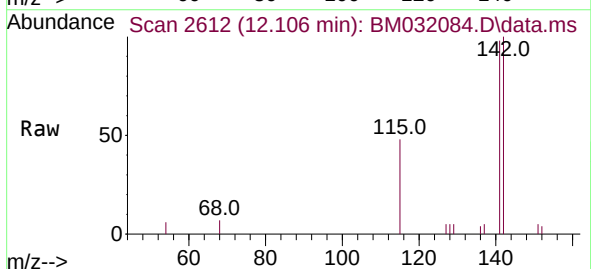
Instrument :
BNA_M
ClientSampleId :
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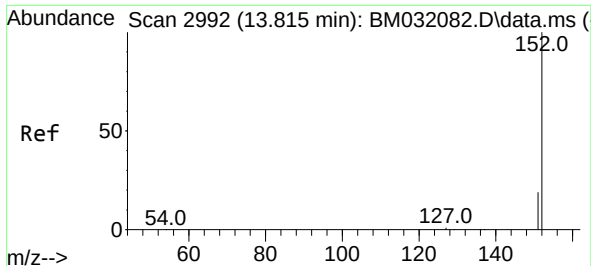
Tgt Ion:142 Resp: 2276
Ion Ratio Lower Upper
142 100
141 90.2 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.277 ng/ul
RT: 12.106 min Scan# 2612
Delta R.T. -0.009 min
Lab File: BM032084.D
Acq: 04 Sep 2021 19:43

Tgt Ion:142 Resp: 2021
Ion Ratio Lower Upper
142 100
141 96.2 72.2 108.2

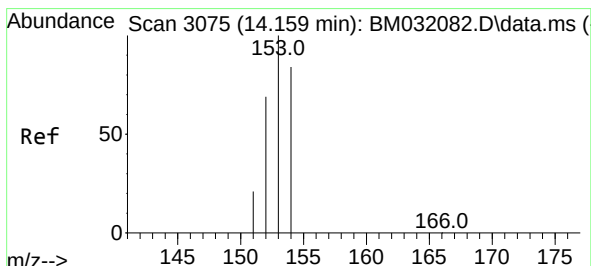
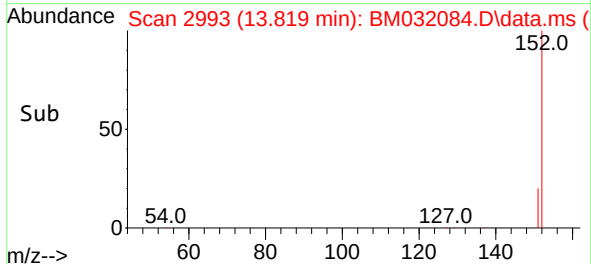
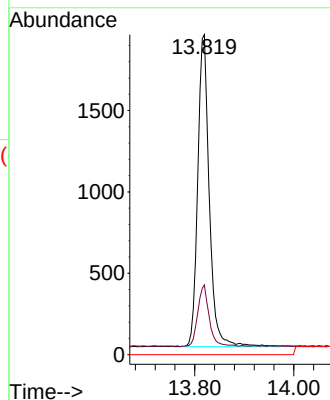
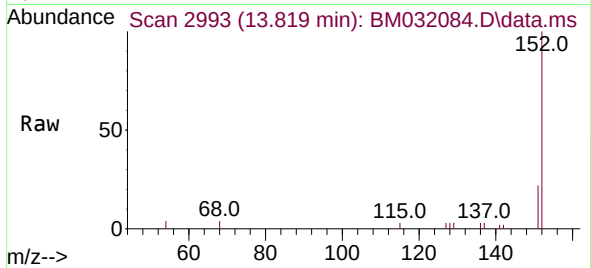




#10
Acenaphthylene
Concen: 0.558 ng/ul
RT: 13.819 min Scan# 2993
Delta R.T. -0.005 min
Lab File: BM032084.D
Acq: 04 Sep 2021 19:43

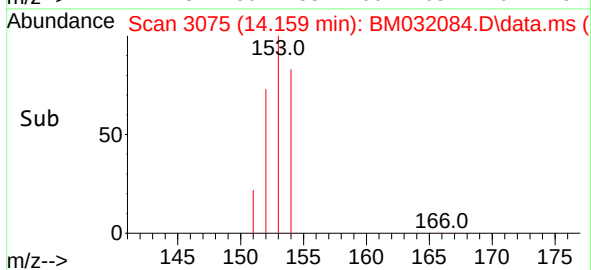
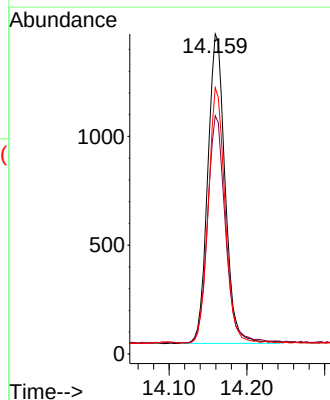
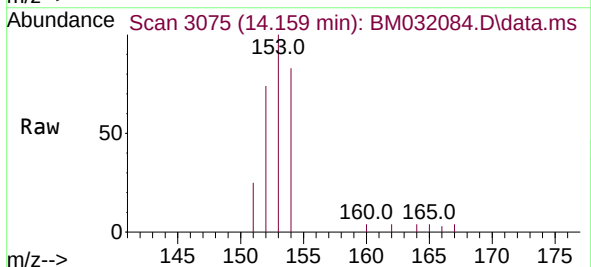
Instrument :
BNA_M
ClientSampleId :
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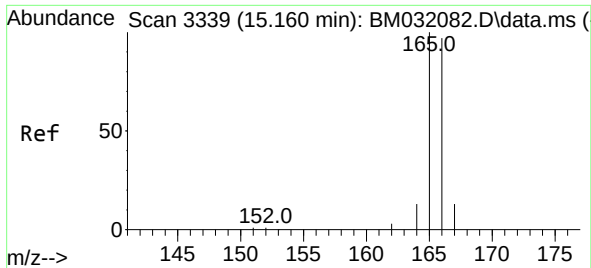
Tgt Ion:152 Resp: 3126
Ion Ratio Lower Upper
152 100
151 21.8 17.0 25.4
153 0.0 0.0 0.0



#11
Acenaphthene
Concen: 0.480 ng/ul
RT: 14.159 min Scan# 3075
Delta R.T. -0.008 min
Lab File: BM032084.D
Acq: 04 Sep 2021 19:43

Tgt Ion:153 Resp: 2200
Ion Ratio Lower Upper
153 100
152 74.4 41.0 61.4#
154 83.2 70.5 105.7

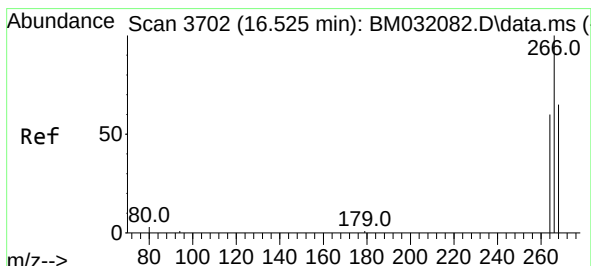
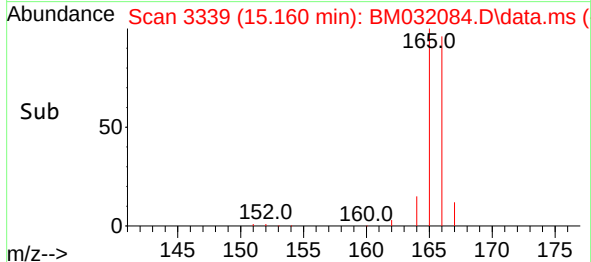
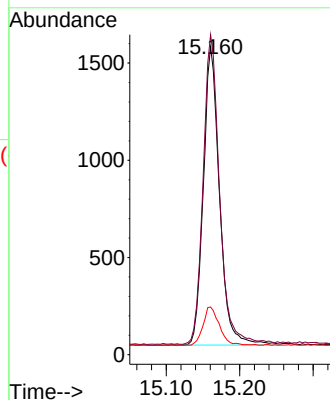
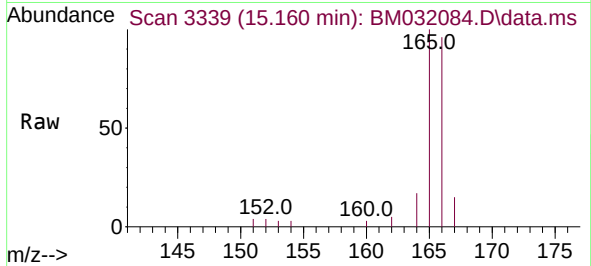




#12
Fluorene
Concen: 0.439 ng/ul
RT: 15.160 min Scan# 3339
Delta R.T. -0.011 min
Lab File: BM032084.D
Acq: 04 Sep 2021 19:43

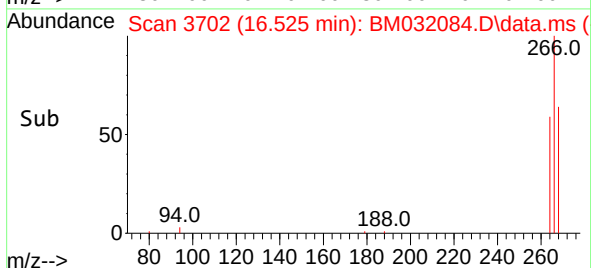
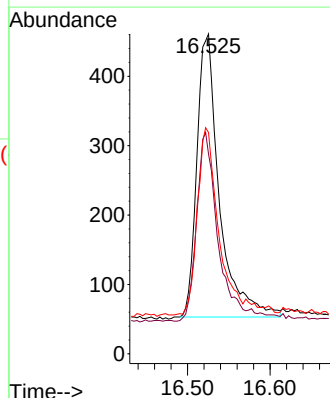
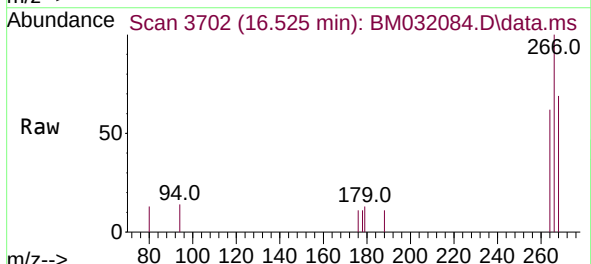
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BNA_M
ClientSampleId :
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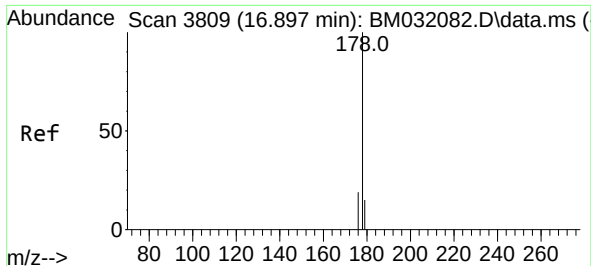
Tgt Ion:	166	Resp:	2347
Ion	Ratio	Lower	Upper
166	100		
165	103.9	78.3	117.5
167	15.5	12.5	18.7



#14
Pentachlorophenol
Concen: 1.042 ng/ul
RT: 16.525 min Scan# 3702
Delta R.T. -0.014 min
Lab File: BM032084.D
Acq: 04 Sep 2021 19:43

Tgt Ion:	266	Resp:	774
Ion	Ratio	Lower	Upper
266	100		
264	65.1	44.3	66.5
268	64.0	49.4	74.2

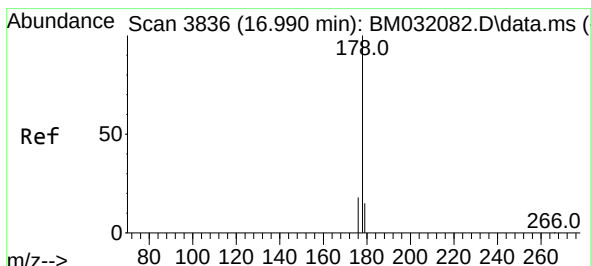
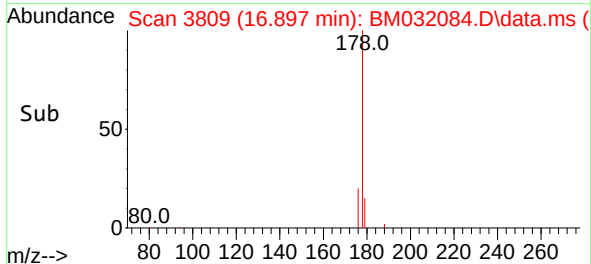
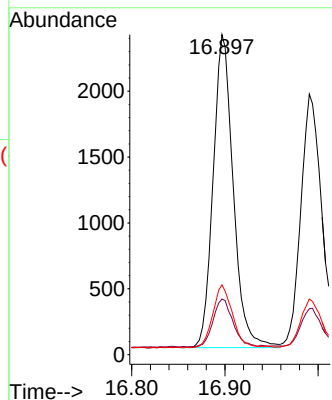
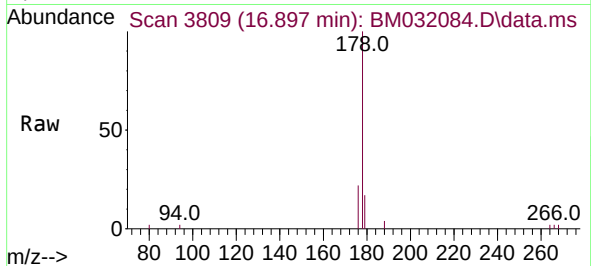




#15
Phenanthrene
Concen: 0.417 ng/ul
RT: 16.897 min Scan# 3809
Delta R.T. -0.010 min
Lab File: BM032084.D
Acq: 04 Sep 2021 19:43

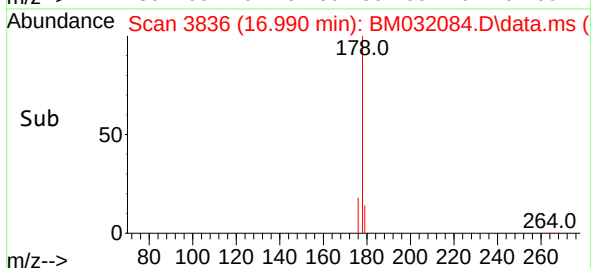
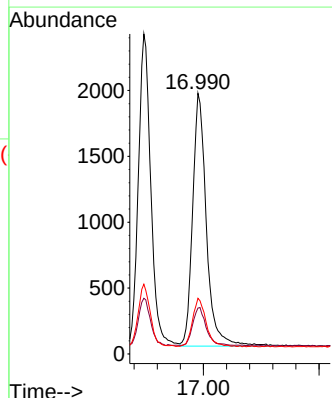
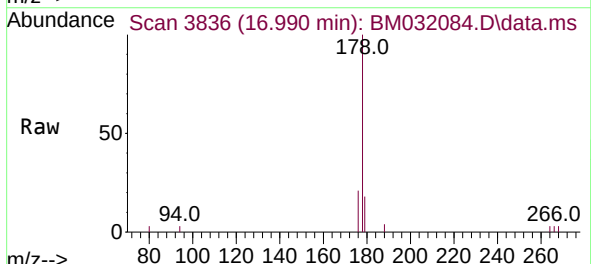
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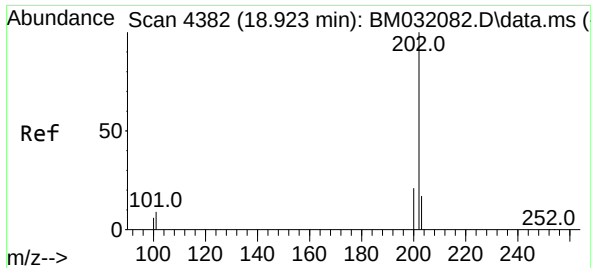
Tgt Ion:	178	Resp:	3565
Ion Ratio	Lower	Upper	
178	100		
179	17.4	13.3	19.9
176	21.8	16.7	25.1



#16
Anthracene
Concen: 0.423 ng/ul
RT: 16.990 min Scan# 3836
Delta R.T. -0.017 min
Lab File: BM032084.D
Acq: 04 Sep 2021 19:43

Tgt Ion:	178	Resp:	3172
Ion Ratio	Lower	Upper	
178	100		
179	17.6	14.3	21.5
176	21.4	15.8	23.8

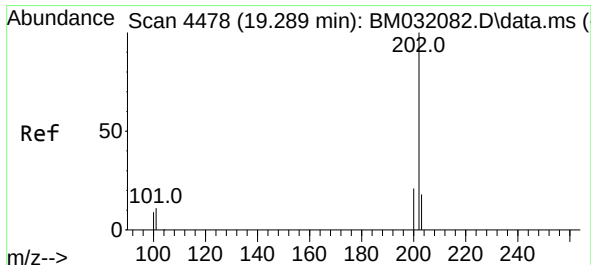
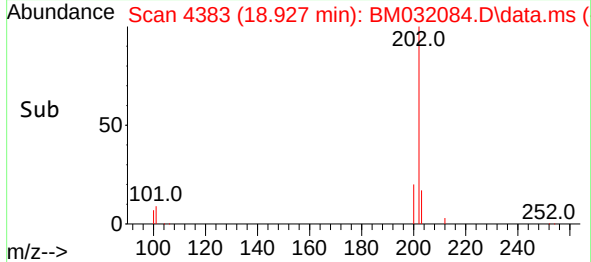
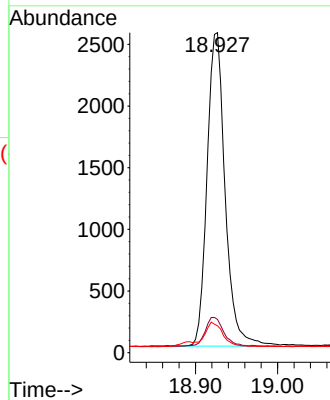
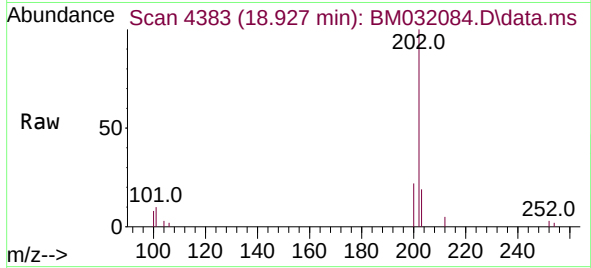




#19
Fluoranthene
Concen: 0.407 ng/ul
RT: 18.927 min Scan# 4383
Delta R.T. -0.007 min
Lab File: BM032084.D
Acq: 04 Sep 2021 19:43

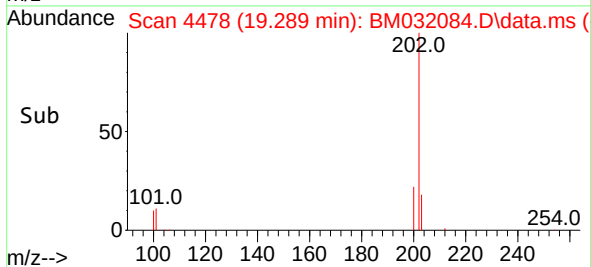
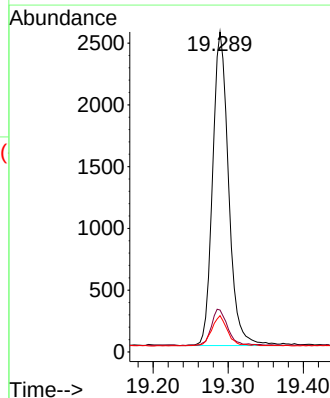
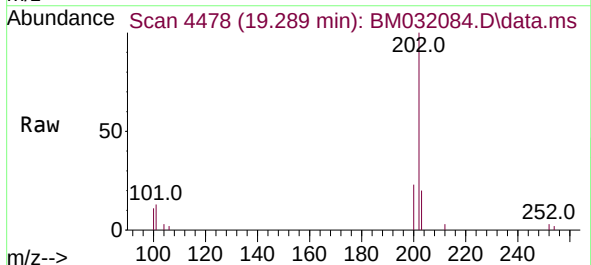
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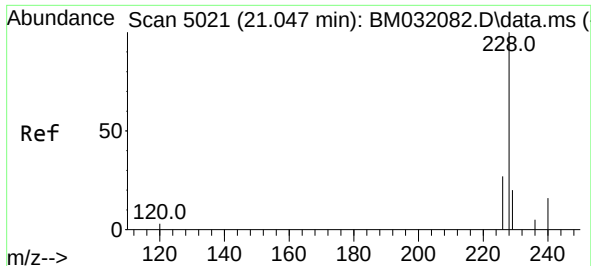
Tgt Ion:202	Resp:	3884
Ion Ratio	Lower	Upper
202	100	
101	10.4	7.2 10.8
100	8.4	5.8 8.6



#20
Pyrene
Concen: 0.382 ng/ul
RT: 19.289 min Scan# 4478
Delta R.T. -0.011 min
Lab File: BM032084.D
Acq: 04 Sep 2021 19:43

Tgt Ion:202	Resp:	3755
Ion Ratio	Lower	Upper
202	100	
101	13.1	8.2 12.4#
100	11.4	7.0 10.6#

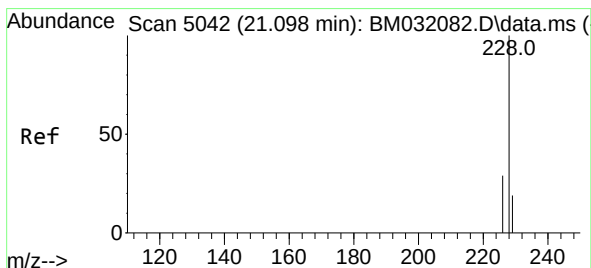
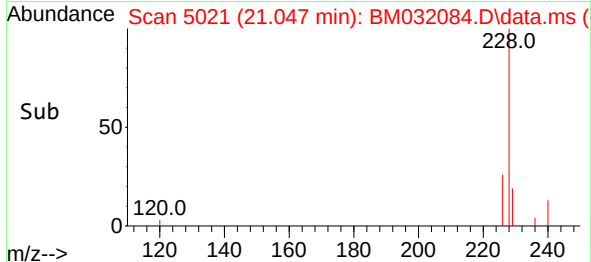
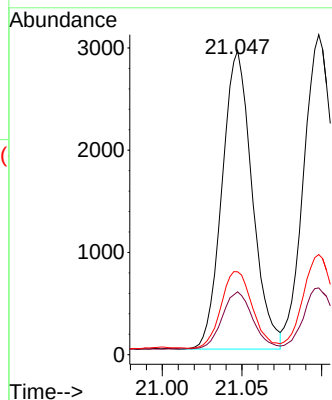
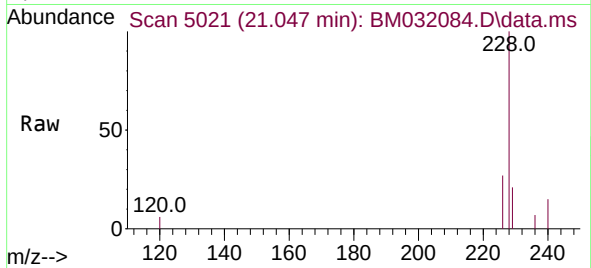




#21
Benzo(a)anthracene
Concen: 0.475 ng/u1
RT: 21.047 min Scan# 5021
Delta R.T. -0.012 min
Lab File: BM032084.D
Acq: 04 Sep 2021 19:43

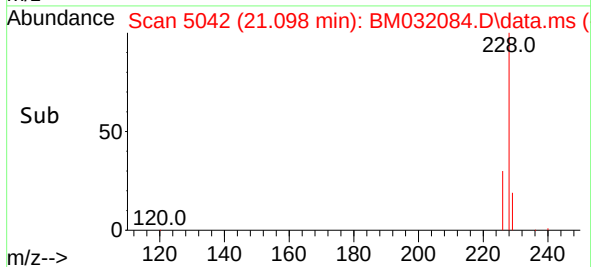
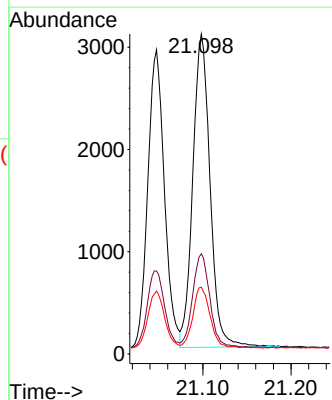
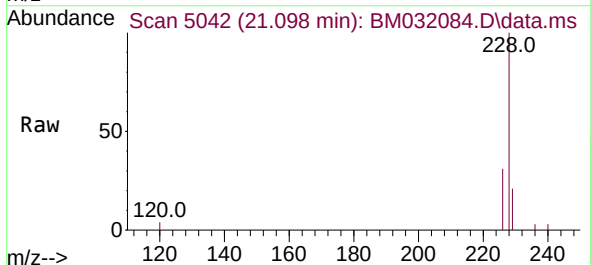
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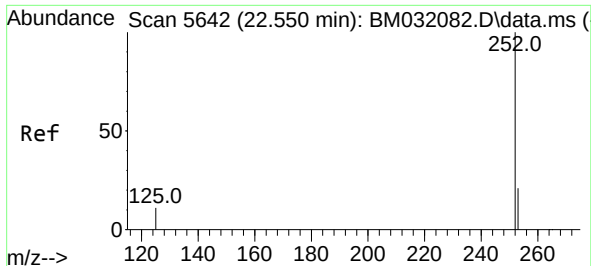
Tgt Ion:228	Resp:	3833
Ion Ratio	Lower	Upper
228	100	
229	20.7	17.1 25.7
226	27.2	23.1 34.7



#22
Chrysene
Concen: 0.450 ng/u1
RT: 21.098 min Scan# 5042
Delta R.T. -0.012 min
Lab File: BM032084.D
Acq: 04 Sep 2021 19:43

Tgt Ion:228	Resp:	4167
Ion Ratio	Lower	Upper
228	100	
226	31.3	24.2 36.2
229	20.9	16.3 24.5

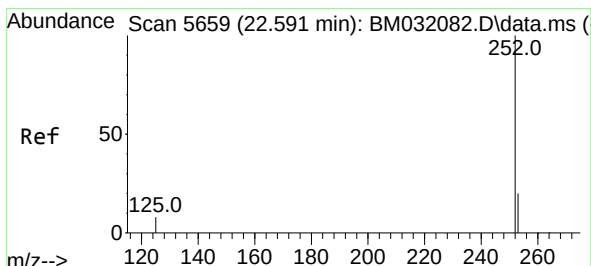
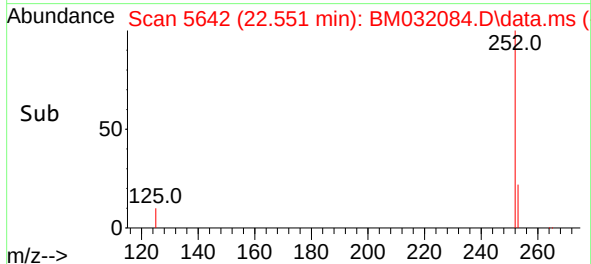
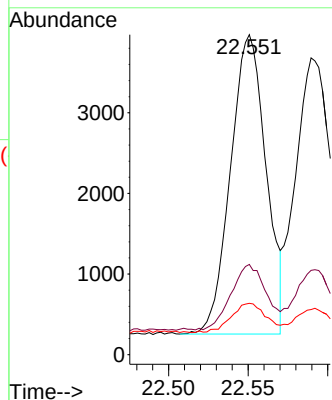
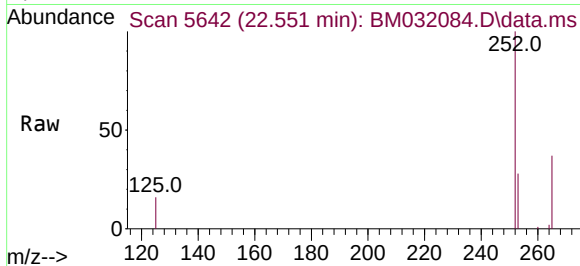




#24
Benzo(b)fluoranthene
Concen: 0.482 ng/ul
RT: 22.551 min Scan# 5642
Delta R.T. -0.014 min
Lab File: BM032084.D
Acq: 04 Sep 2021 19:43

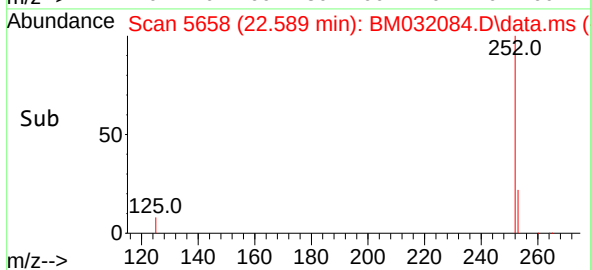
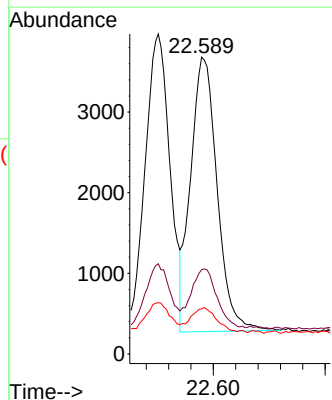
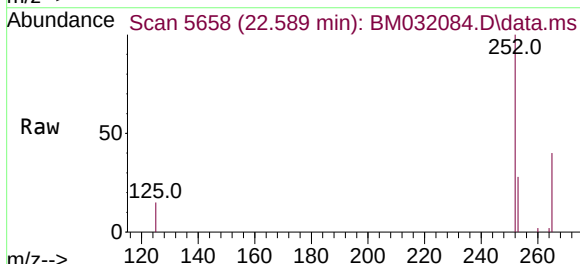
Instrument :
BNA_M
ClientSampled :
SLCS691

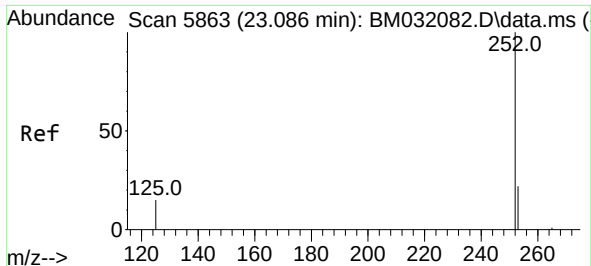
Tgt Ion:252	Resp:	5755
Ion Ratio	Lower	Upper
252	100	
253	28.2	0.0 61.0
125	16.0	0.0 28.4



#25
Benzo(k)fluoranthene
Concen: 0.456 ng/ul
RT: 22.589 min Scan# 5658
Delta R.T. -0.019 min
Lab File: BM032084.D
Acq: 04 Sep 2021 19:43

Tgt Ion:252	Resp:	5619
Ion Ratio	Lower	Upper
252	100	
253	28.4	25.2 37.8
125	15.2	11.0 16.4

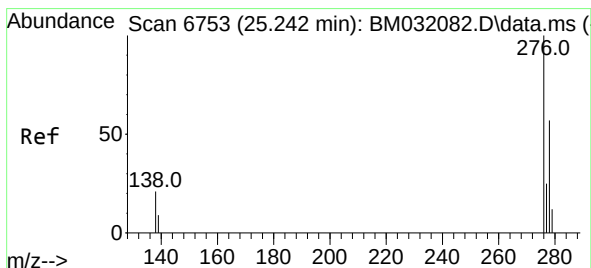
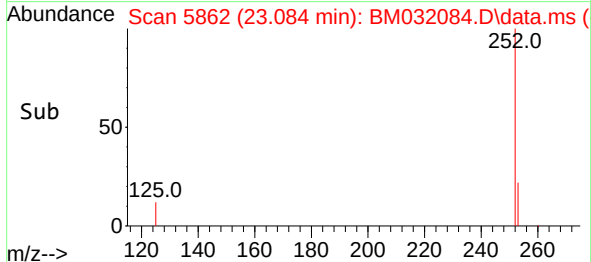
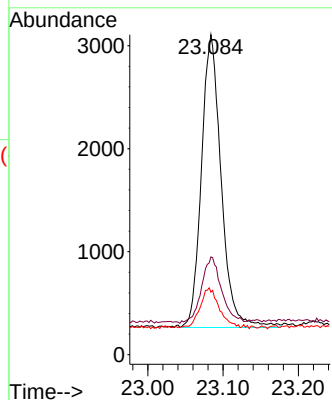
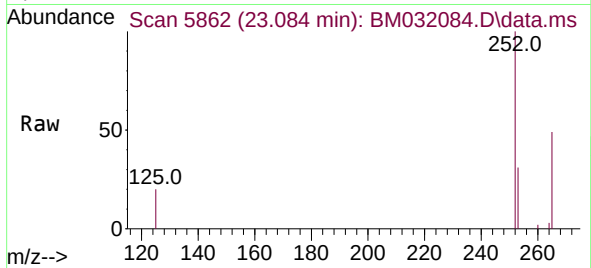




#26
Benzo(a)pyrene
Concen: 0.496 ng/ul
RT: 23.084 min Scan# 5862
Delta R.T. -0.021 min
Lab File: BM032084.D
Acq: 04 Sep 2021 19:43

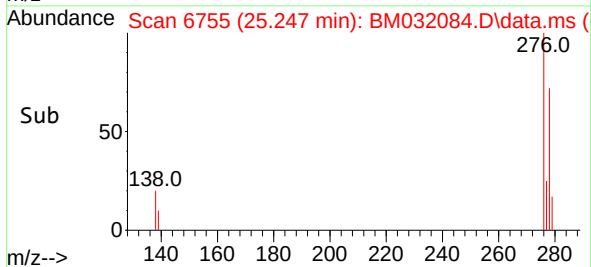
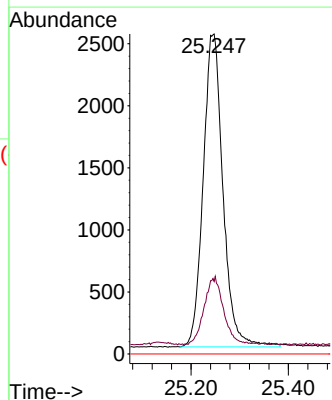
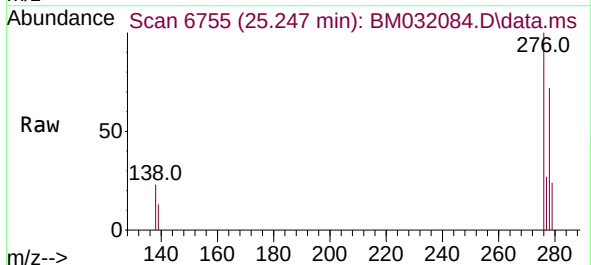
Instrument :
BNA_M
ClientSampleId :
SLCS691

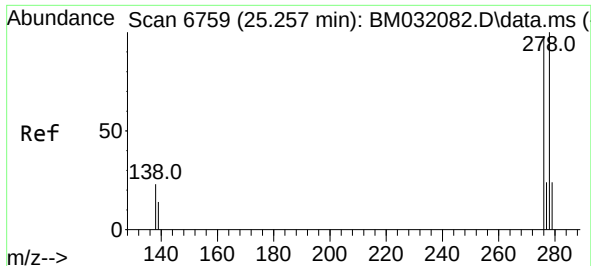
Tgt Ion:	252	Resp:	5180
Ion Ratio	Lower	Upper	
252	100		
253	30.5	28.8	43.2
125	19.5	13.9	20.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.502 ng/ul
RT: 25.247 min Scan# 6755
Delta R.T. -0.024 min
Lab File: BM032084.D
Acq: 04 Sep 2021 19:43

Tgt Ion:	276	Resp:	7132
Ion Ratio	Lower	Upper	
276	100		
138	20.8	14.1	21.1
227	0.0	0.0	0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.485 ng/ul

RT: 25.255 min Scan# 6758

Delta R.T. -0.031 min

Lab File: BM032084.D

Acq: 04 Sep 2021 19:43

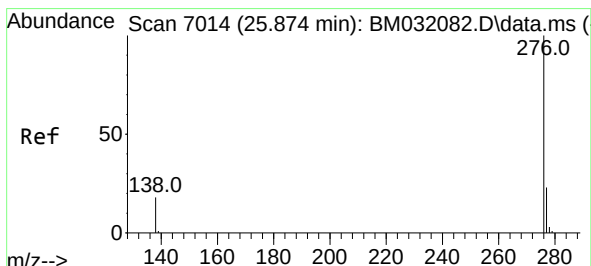
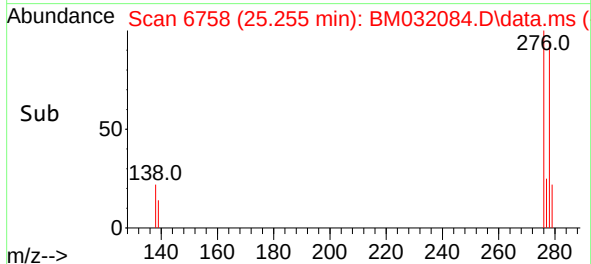
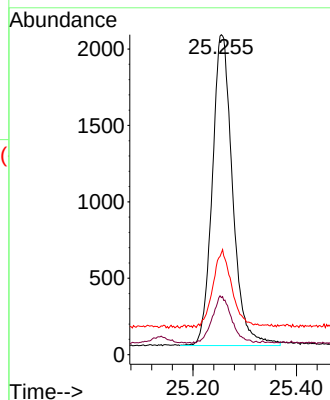
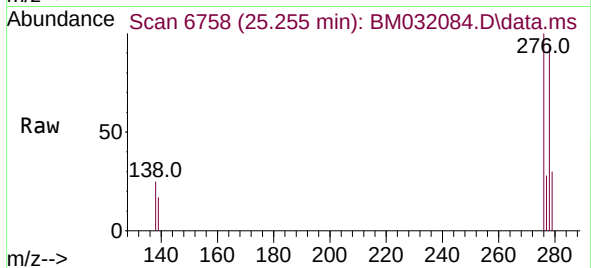
Instrument :

BNA_M

ClientSampleId :

SLCS691

Tgt Ion:	278	Resp:	5540
Ion Ratio	Lower	Upper	
278	100		
139	17.9	13.4	20.0
279	31.8	27.2	40.8



#29

Benzo(g,h,i)perylene

Concen: 0.492 ng/ul

RT: 25.872 min Scan# 7013

Delta R.T. -0.031 min

Lab File: BM032084.D

Acq: 04 Sep 2021 19:43

Tgt Ion:	276	Resp:	6227
Ion Ratio	Lower	Upper	
276	100		
138	20.9	14.5	21.7
277	26.5	21.2	31.8

