

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100821\
 Data File : BM032364.D
 Acq On : 07 Oct 2021 19:44
 Operator : CG/JU
 Sample : M3879-12MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW411MSD

Quant Time: Oct 08 03:35:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 07 15:38:40 2021
 Response via : Initial Calibration

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

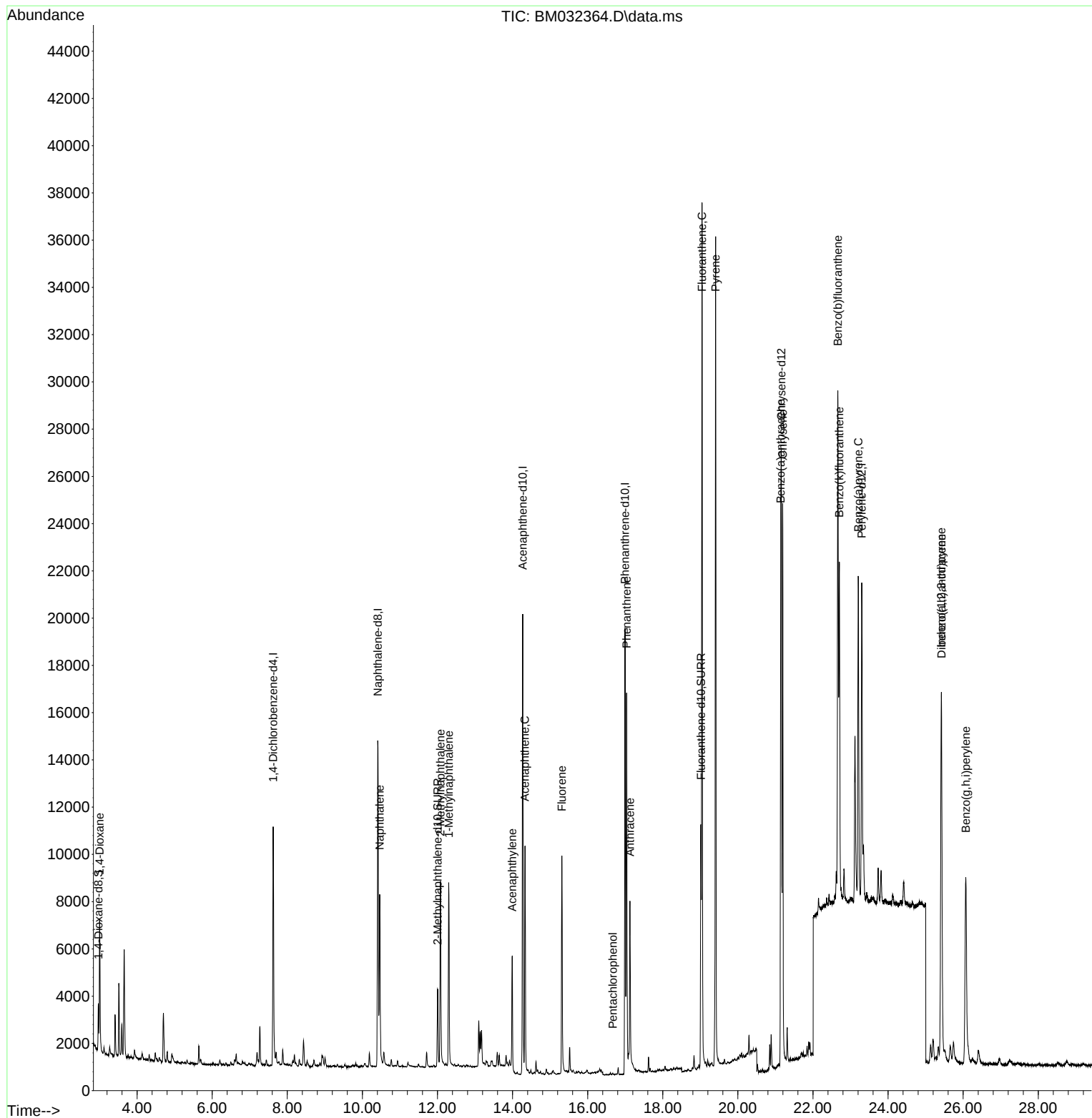
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.626	152	5521	0.400	ng/ul	0.00
4) Naphthalene-d8	10.411	136	19412	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.270	164	10276	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.995	188	20934	0.400	ng/ul	0.00
17) Chrysene-d12	21.157	240	17829	0.400	ng/ul	0.00
23) Perylene-d12	23.300	264	16387	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.968	96	1435	0.242	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.003	152	4737	0.183	ng/ul	0.00
18) Fluoranthene-d10	19.015	212	10590	0.219	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.003	88	3794	0.621	ng/ul	89
5) Naphthalene	10.461	128	10081	0.175	ng/ul	97
7) 2-Methylnaphthalene	12.080	142	6023	0.163	ng/ul	99
8) 1-Methylnaphthalene	12.300	142	5431	0.151	ng/ul	99
10) Acenaphthylene	13.991	152	5252	0.127	ng/ul#	85
11) Acenaphthene	14.331	153	5503	0.145	ng/ul	99
12) Fluorene	15.313	166	5985	0.139	ng/ul	99
14) Pentachlorophenol	16.668	266	32	0.006	ng/ul#	25
15) Phenanthrene	17.036	178	16622	0.244	ng/ul	100
16) Anthracene	17.127	178	8765	0.156	ng/ul	97
19) Fluoranthene	19.046	202	30228	0.406	ng/ul	98
20) Pyrene	19.408	202	28401	0.381	ng/ul	99
21) Benzo(a)anthracene	21.140	228	17240	0.273	ng/ul	99
22) Chrysene	21.193	228	21599	0.293	ng/ul	99
24) Benzo(b)fluoranthene	22.663	252	26385	0.310	ng/ul	86
25) Benzo(k)fluoranthene	22.702	252	16552	0.201	ng/ul#	91
26) Benzo(a)pyrene	23.206	252	17917	0.281	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.420	276	18004	0.220	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.423	278	9466	0.142	ng/ul	93
29) Benzo(g,h,i)perylene	26.069	276	15313	0.198	ng/ul	95

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

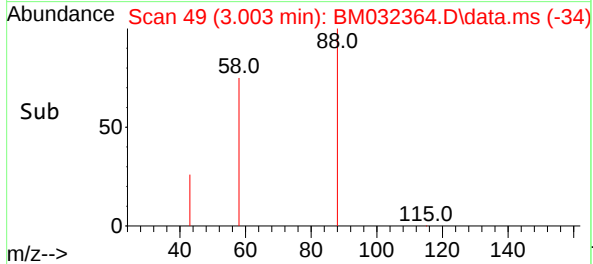
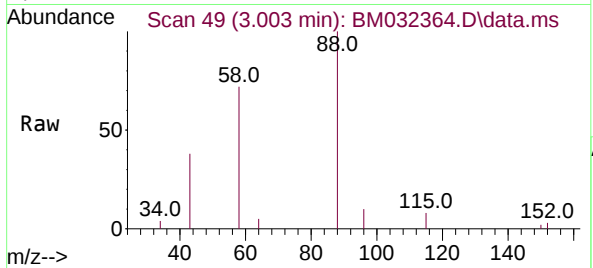
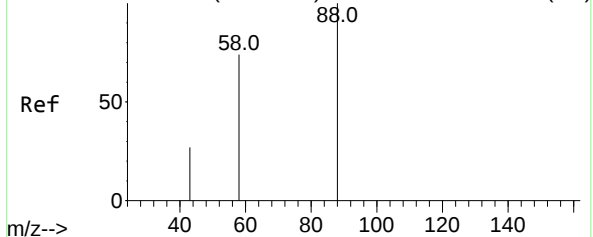
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100821\
Data File : BM032364.D
Acq On : 07 Oct 2021 19:44
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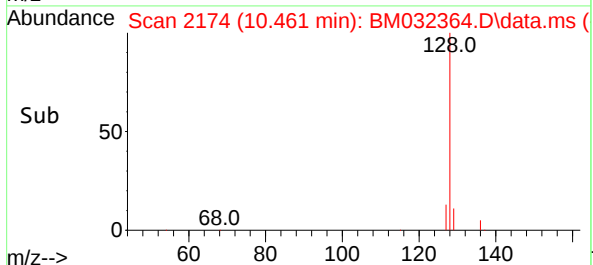
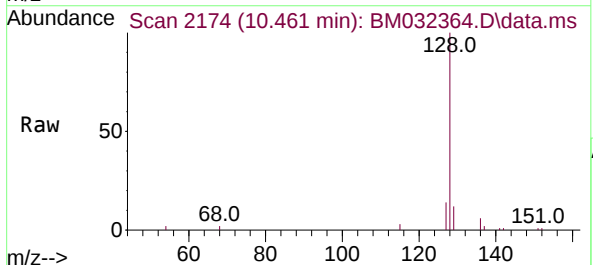
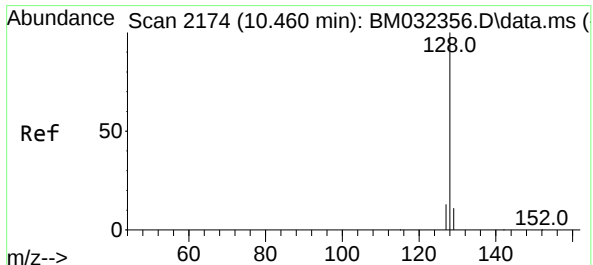
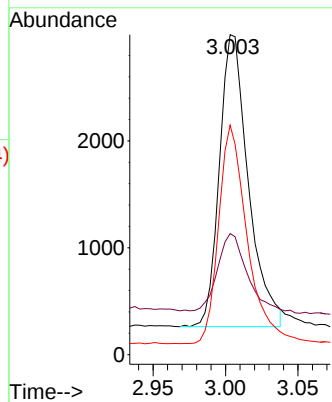


Abundance Scan 49 (3.003 min): BM032356.D\data.ms (-41)



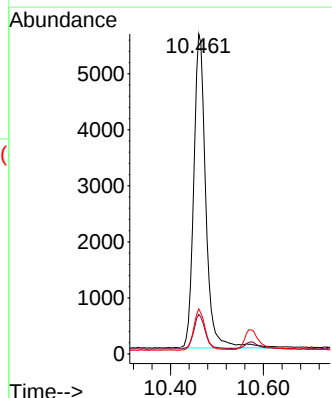
#2
1,4-Dioxane
Concen: 0.621 ng/ul
RT: 3.003 min Scan# 49
Delta R.T. 0.000 min
Lab File: BM032364.D
Acq: 07 Oct 2021 19:44

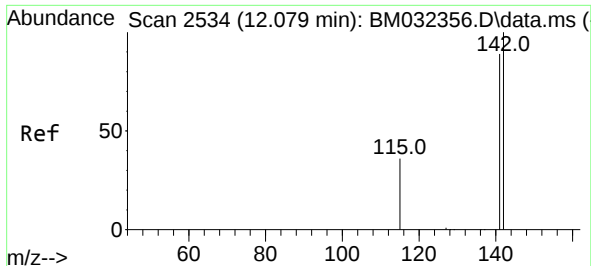
Tgt Ion: 88	Resp: 3794
Ion Ratio	Lower Upper
88 100	
43 37.8	26.1 39.1
58 71.7	50.2 75.2



#5
Naphthalene
Concen: 0.175 ng/ul
RT: 10.461 min Scan# 2174
Delta R.T. 0.000 min
Lab File: BM032364.D
Acq: 07 Oct 2021 19:44

Tgt Ion: 128	Resp: 10081
Ion Ratio	Lower Upper
128 100	
129 12.3	9.0 13.4
127 14.1	10.5 15.7

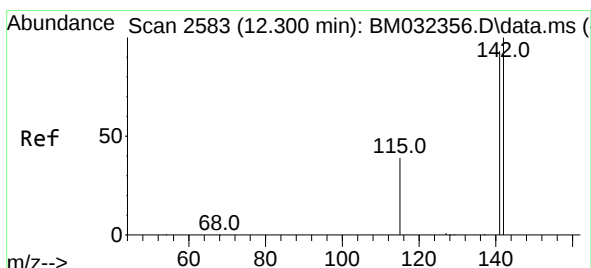
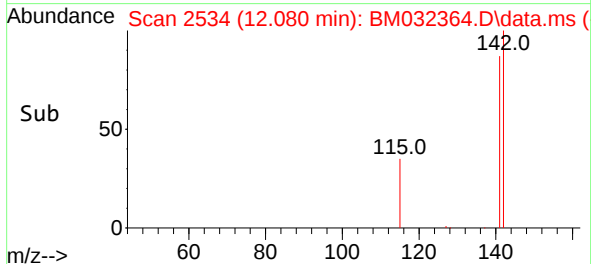
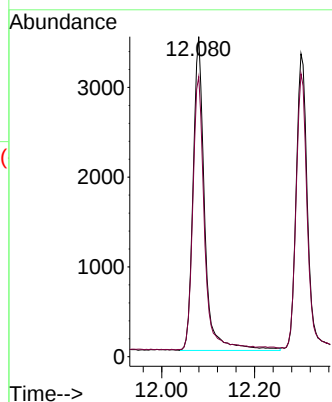
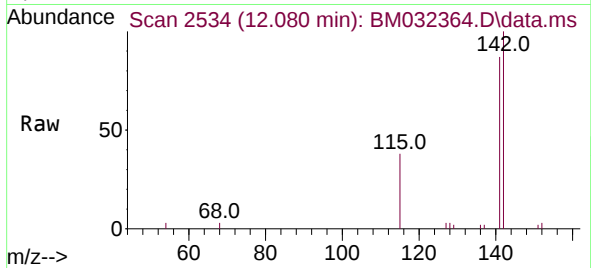




#7
2-Methylnaphthalene
Concen: 0.163 ng/ul
RT: 12.080 min Scan# 2534
Delta R.T. 0.000 min
Lab File: BM032364.D
Acq: 07 Oct 2021 19:44

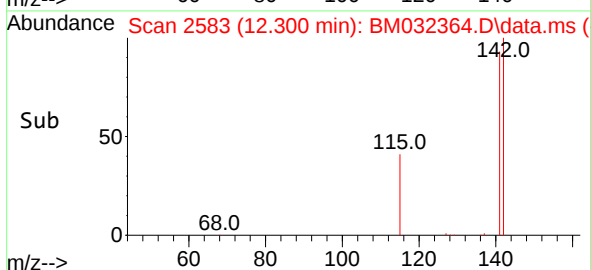
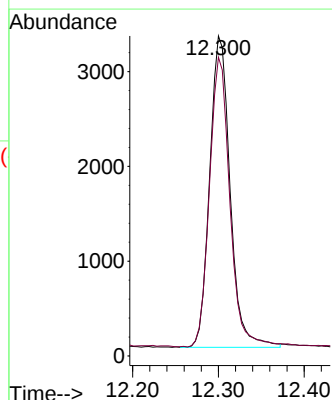
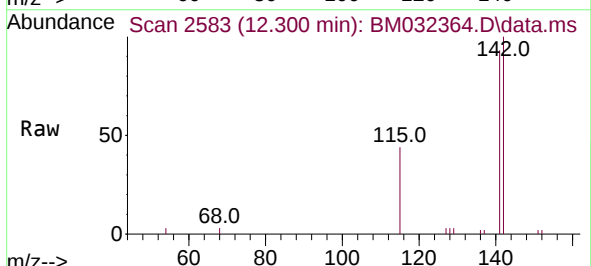
Instrument :
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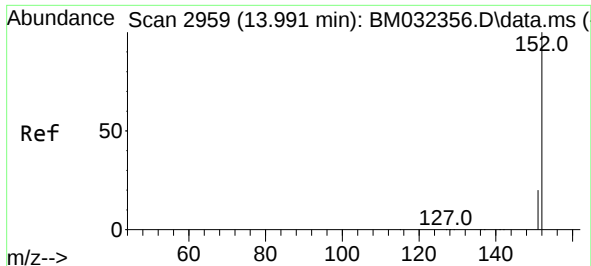
Tgt Ion:142 Resp: 6023
Ion Ratio Lower Upper
142 100
141 89.7 71.2 106.8



#8
1-Methylnaphthalene
Concen: 0.151 ng/ul
RT: 12.300 min Scan# 2583
Delta R.T. 0.000 min
Lab File: BM032364.D
Acq: 07 Oct 2021 19:44

Tgt Ion:142 Resp: 5431
Ion Ratio Lower Upper
142 100
141 92.8 73.8 110.6

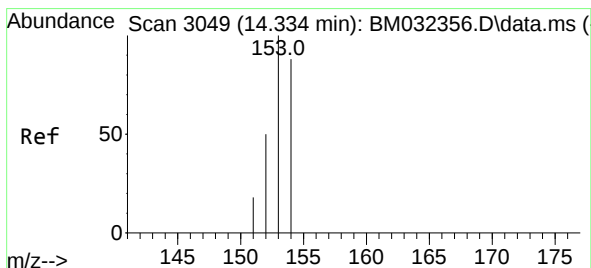
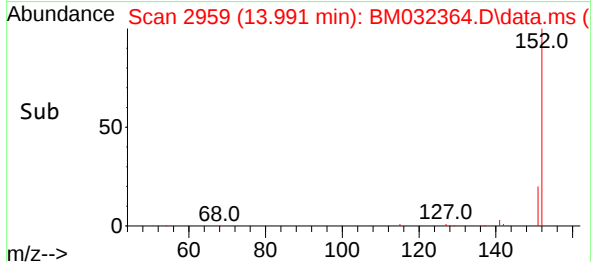
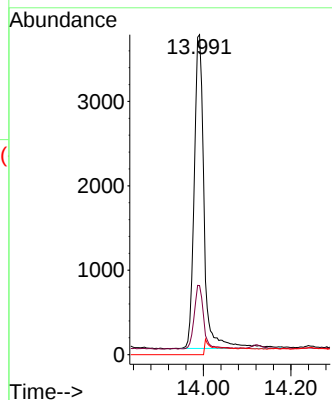
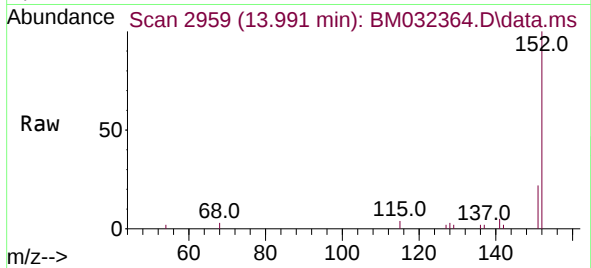




#10
Acenaphthylene
Concen: 0.127 ng/ul
RT: 13.991 min Scan# 2959
Delta R.T. 0.000 min
Lab File: BM032364.D
Acq: 07 Oct 2021 19:44

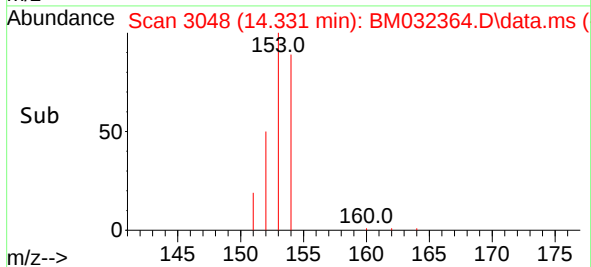
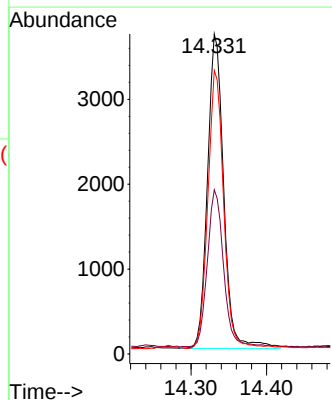
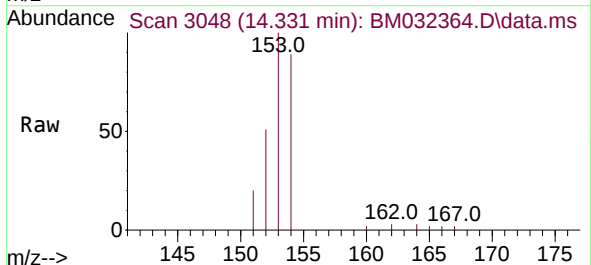
Instrument :
BNA_M
ClientSampleId :
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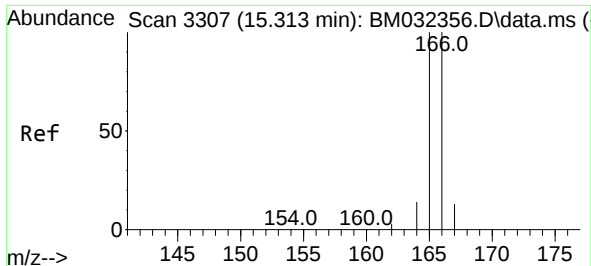
Tgt Ion:152 Resp: 5252
Ion Ratio Lower Upper
152 100
151 21.6 16.0 24.0
153 0.0 10.7 16.1#



#11
Acenaphthene
Concen: 0.145 ng/ul
RT: 14.331 min Scan# 3048
Delta R.T. -0.004 min
Lab File: BM032364.D
Acq: 07 Oct 2021 19:44

Tgt Ion:153 Resp: 5503
Ion Ratio Lower Upper
153 100
152 51.3 41.6 62.4
154 88.6 71.2 106.8

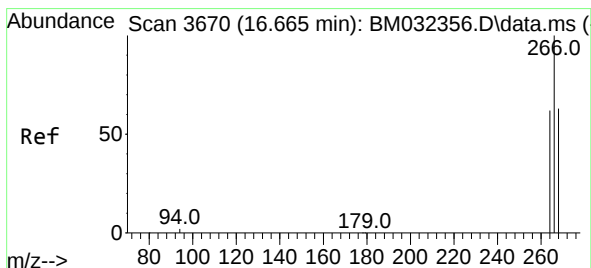
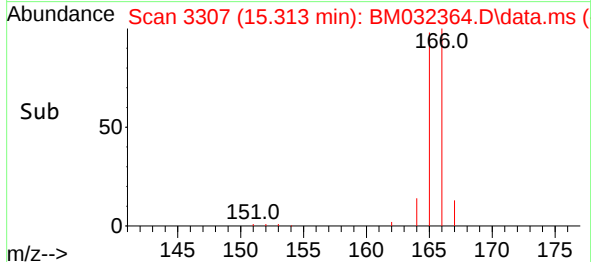
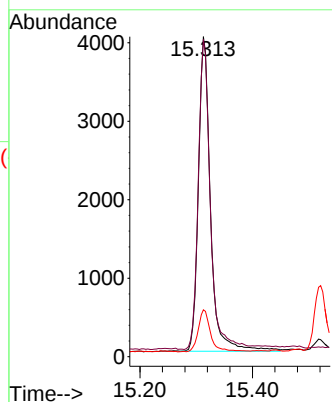
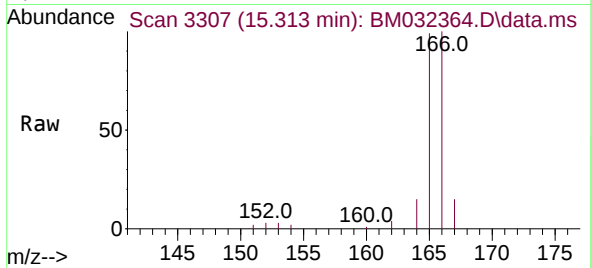




#12
Fluorene
Concen: 0.139 ng/ul
RT: 15.313 min Scan# 3307
Delta R.T. 0.000 min
Lab File: BM032364.D
Acq: 07 Oct 2021 19:44

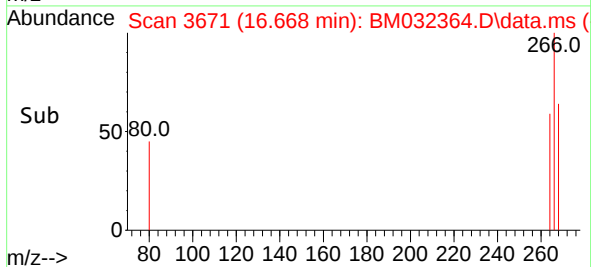
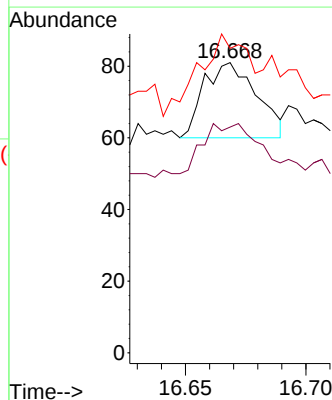
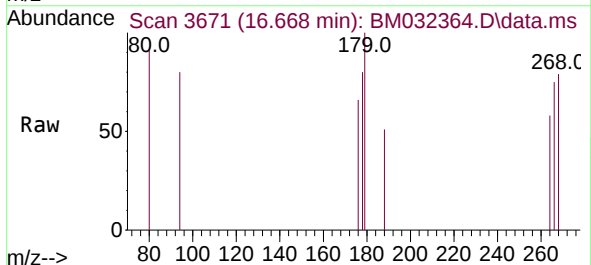
Instrument :
BNA_M
ClientSampleId :
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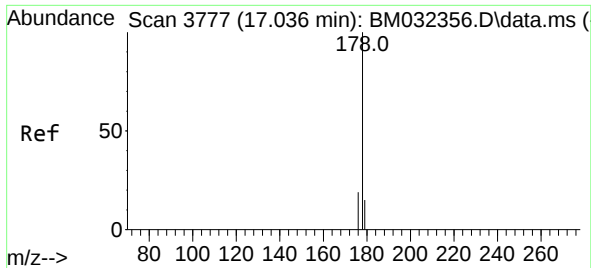
Tgt Ion:166 Resp: 5985
Ion Ratio Lower Upper
166 100
165 99.1 79.4 119.2
167 14.6 10.8 16.2



#14
Pentachlorophenol
Concen: 0.006 ng/ul
RT: 16.668 min Scan# 3671
Delta R.T. 0.004 min
Lab File: BM032364.D
Acq: 07 Oct 2021 19:44

Tgt Ion:266 Resp: 32
Ion Ratio Lower Upper
266 100
264 84.4 49.8 74.8#
268 156.3 50.4 75.6#

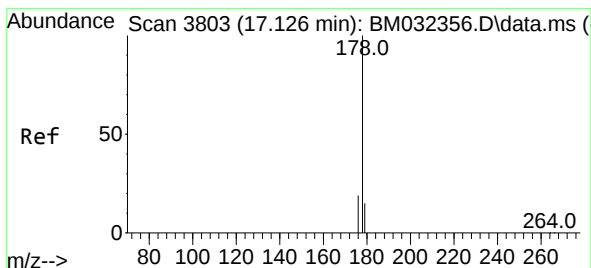
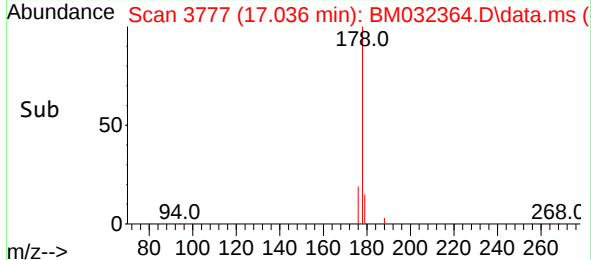
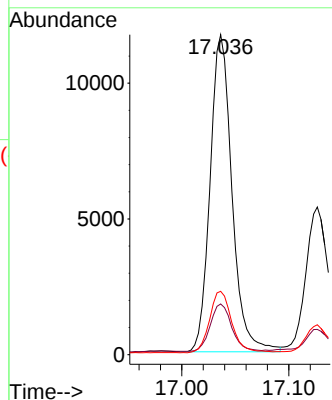
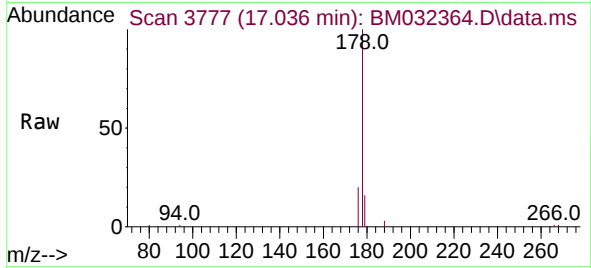




#15
Phenanthrene
Concen: 0.244 ng/ul
RT: 17.036 min Scan# 3777
Delta R.T. 0.000 min
Lab File: BM032364.D
Acq: 07 Oct 2021 19:44

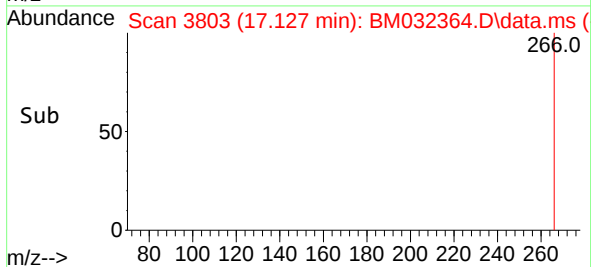
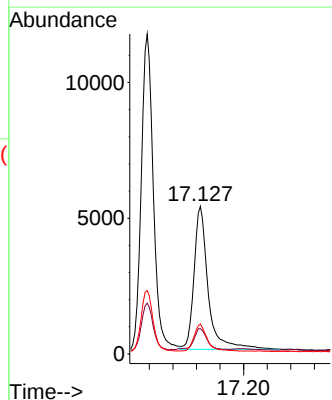
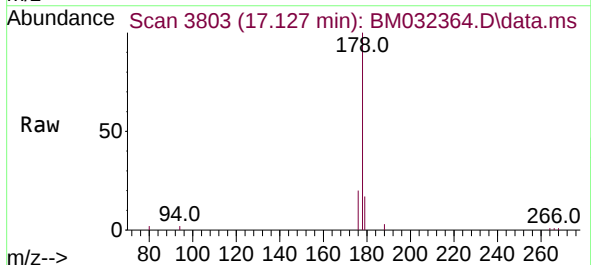
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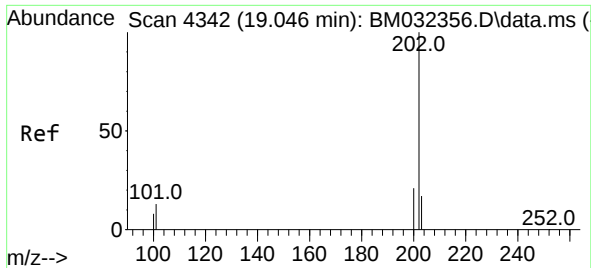
Tgt Ion:178	Resp:	16622
Ion Ratio	Lower	Upper
178	100	
179	15.9	12.6 18.8
176	19.8	15.8 23.6



#16
Anthracene
Concen: 0.156 ng/ul
RT: 17.127 min Scan# 3803
Delta R.T. 0.000 min
Lab File: BM032364.D
Acq: 07 Oct 2021 19:44

Tgt Ion:178	Resp:	8765
Ion Ratio	Lower	Upper
178	100	
179	17.1	12.7 19.1
176	20.2	15.3 22.9

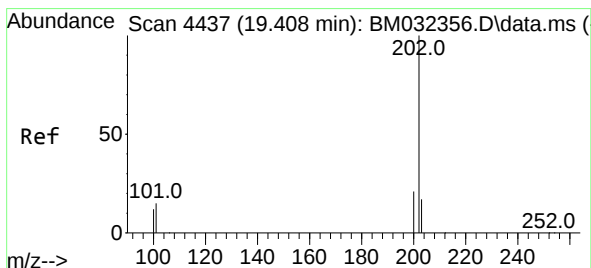
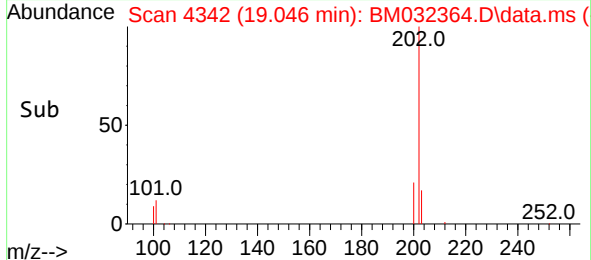
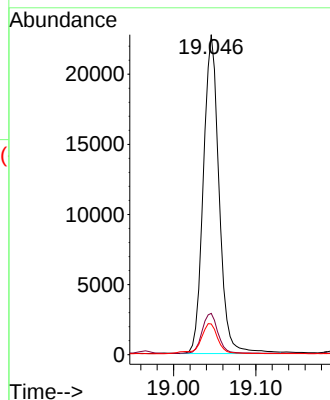
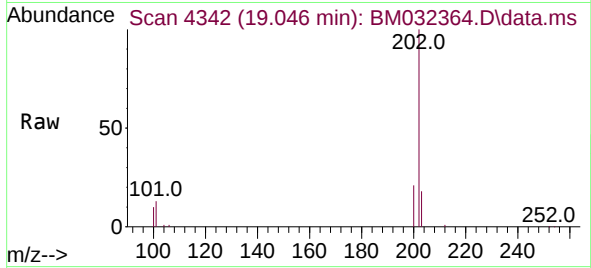




#19
Fluoranthene
Concen: 0.406 ng/ul
RT: 19.046 min Scan# 4342
Delta R.T. 0.000 min
Lab File: BM032364.D
Acq: 07 Oct 2021 19:44

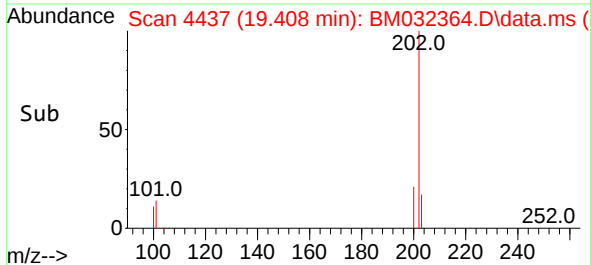
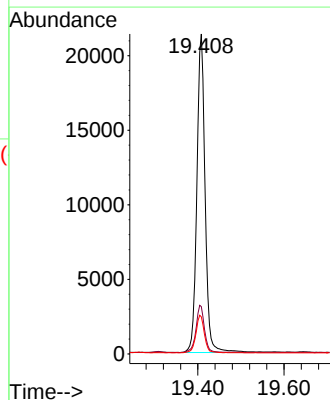
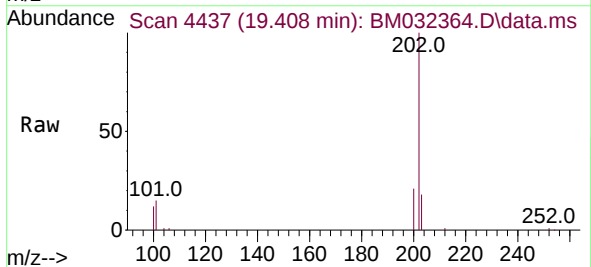
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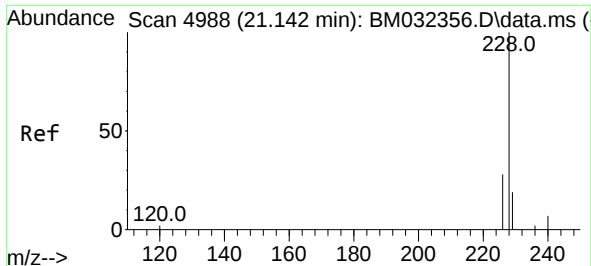
Tgt Ion:202 Resp: 30228
Ion Ratio Lower Upper
202 100
101 12.9 9.8 14.8
100 9.6 7.2 10.8



#20
Pyrene
Concen: 0.381 ng/ul
RT: 19.408 min Scan# 4437
Delta R.T. 0.000 min
Lab File: BM032364.D
Acq: 07 Oct 2021 19:44

Tgt Ion:202 Resp: 28401
Ion Ratio Lower Upper
202 100
101 14.8 12.1 18.1
100 11.6 9.8 14.6

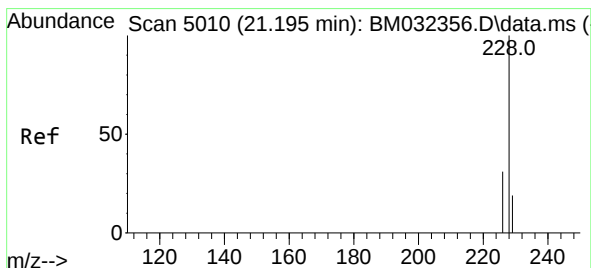
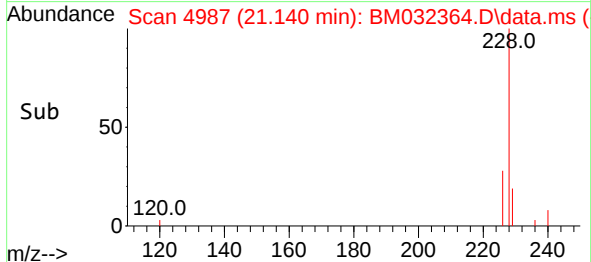
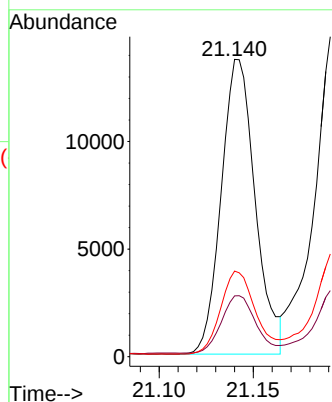
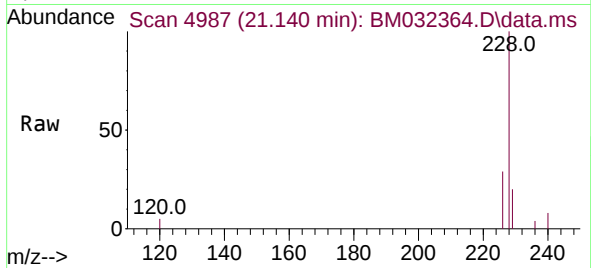




#21
Benzo(a)anthracene
Concen: 0.273 ng/ul
RT: 21.140 min Scan# 4987
Delta R.T. -0.002 min
Lab File: BM032364.D
Acq: 07 Oct 2021 19:44

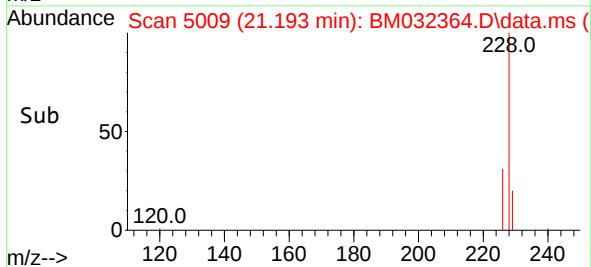
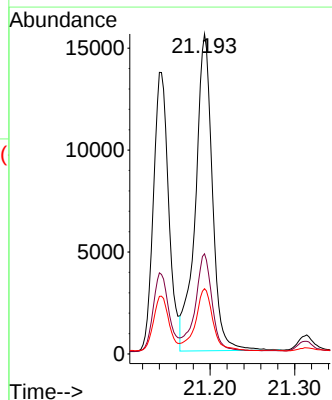
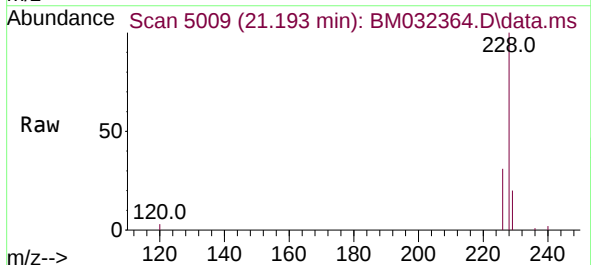
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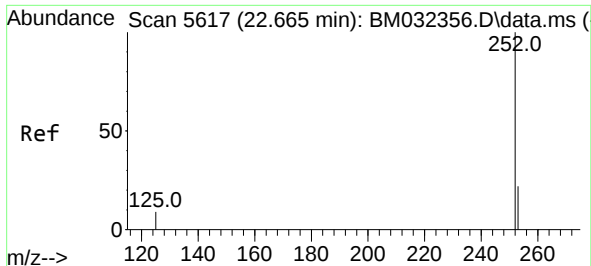
Tgt Ion:228	Resp:	17240
Ion Ratio	Lower	Upper
228	100	
229	20.4	16.0 24.0
226	28.8	22.3 33.5



#22
Chrysene
Concen: 0.293 ng/ul
RT: 21.193 min Scan# 5009
Delta R.T. -0.002 min
Lab File: BM032364.D
Acq: 07 Oct 2021 19:44

Tgt Ion:228	Resp:	21599
Ion Ratio	Lower	Upper
228	100	
226	31.3	24.6 37.0
229	20.4	15.6 23.4

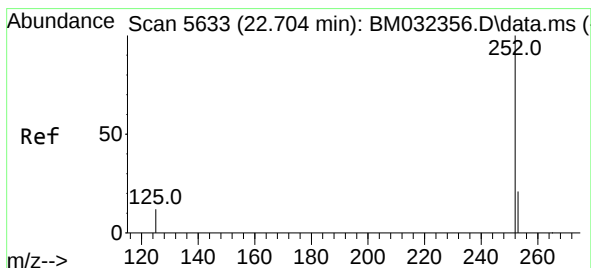
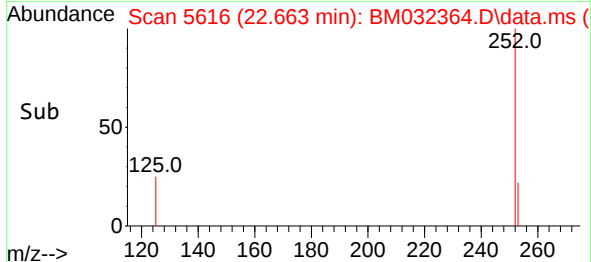
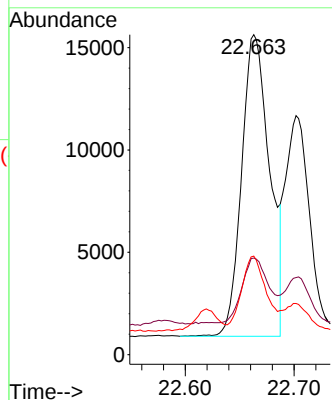
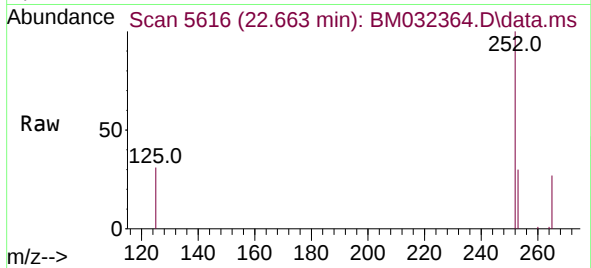




#24
Benzo(b)fluoranthene
Concen: 0.310 ng/ul
RT: 22.663 min Scan# 5616
Delta R.T. -0.002 min
Lab File: BM032364.D
Acq: 07 Oct 2021 19:44

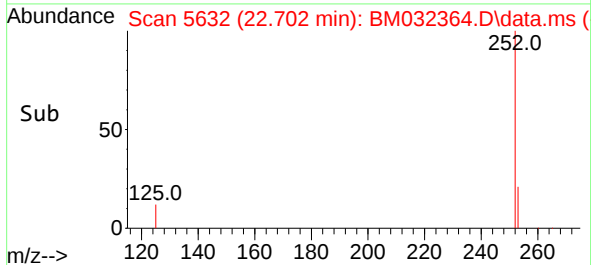
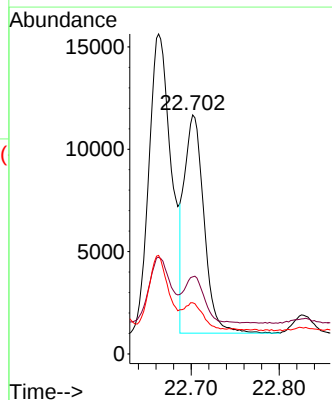
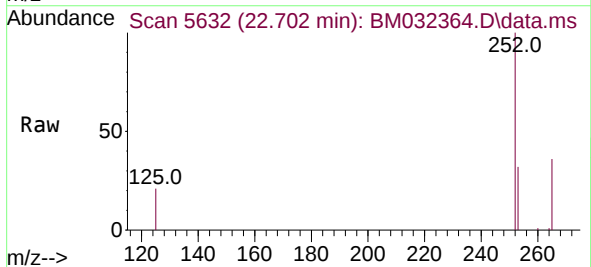
Instrument :
BNA_M
ClientSampleId :
EW411MSD

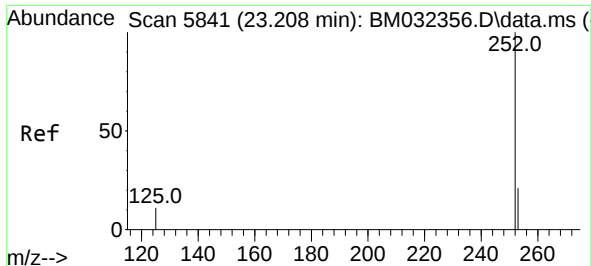
Tgt Ion:252	Resp:	26385
Ion Ratio	Lower	Upper
252	100	
253	30.2	0.0 58.0
125	30.8	0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.201 ng/ul
RT: 22.702 min Scan# 5632
Delta R.T. -0.002 min
Lab File: BM032364.D
Acq: 07 Oct 2021 19:44

Tgt Ion:252	Resp:	16552
Ion Ratio	Lower	Upper
252	100	
253	32.3	22.9 34.3
125	21.4	12.9 19.3#

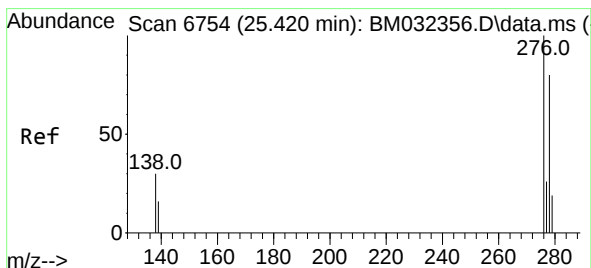
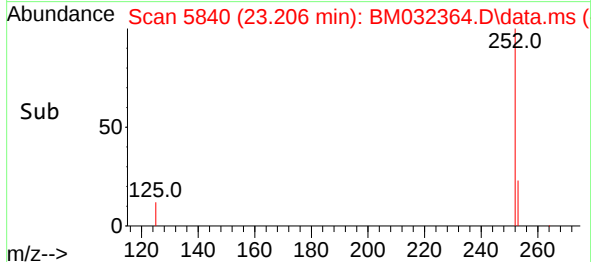
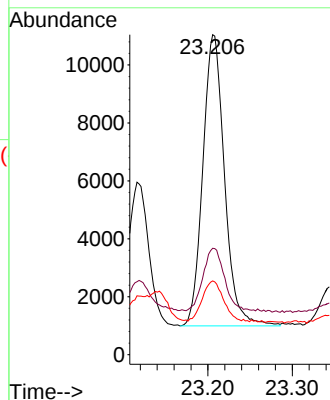
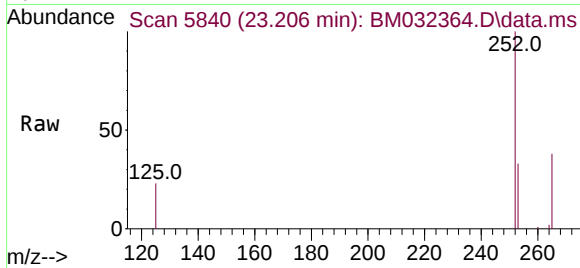




#26
Benzo(a)pyrene
Concen: 0.281 ng/ul
RT: 23.206 min Scan# 5840
Delta R.T. -0.002 min
Lab File: BM032364.D
Acq: 07 Oct 2021 19:44

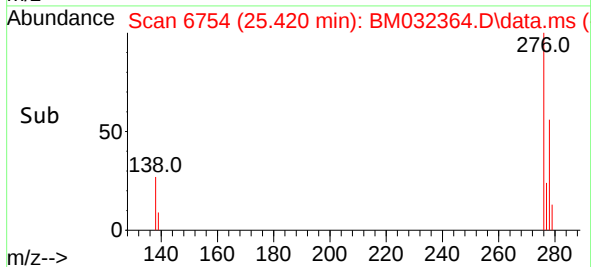
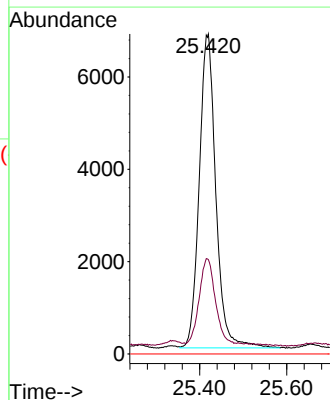
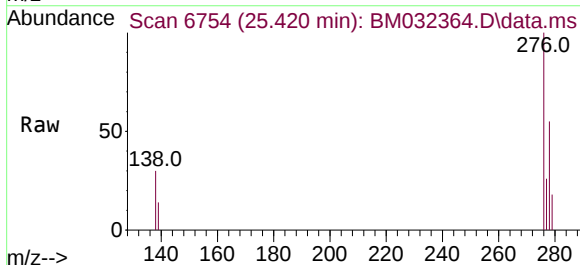
Instrument :
BNA_M
ClientSampleId :
EW411MSD

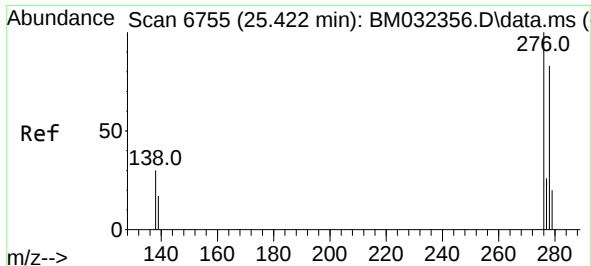
Tgt Ion:252	Resp:	17917
Ion Ratio	Lower	Upper
252	100	
253	33.2	25.8 38.8
125	23.1	15.4 23.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.220 ng/ul
RT: 25.420 min Scan# 6754
Delta R.T. 0.000 min
Lab File: BM032364.D
Acq: 07 Oct 2021 19:44

Tgt Ion:276	Resp:	18004
Ion Ratio	Lower	Upper
276	100	
138	26.9	24.3 36.5
227	0.0	0.0 0.0

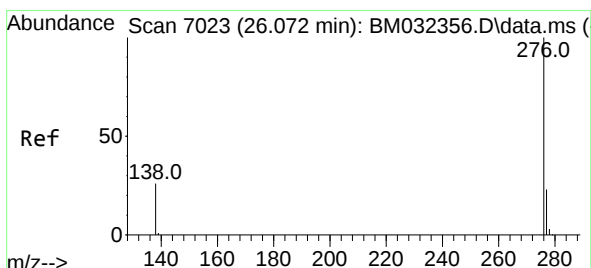
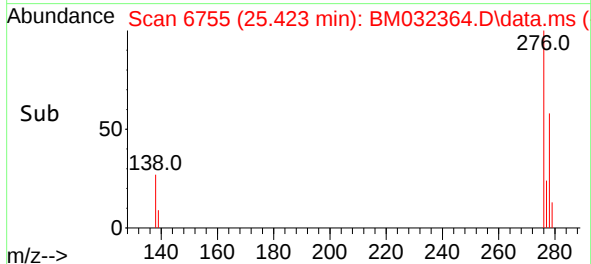
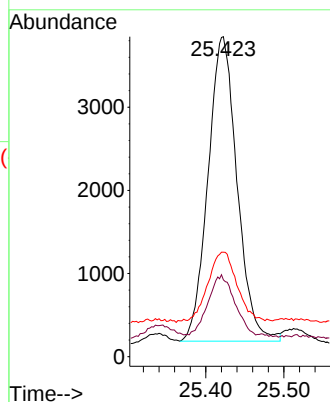
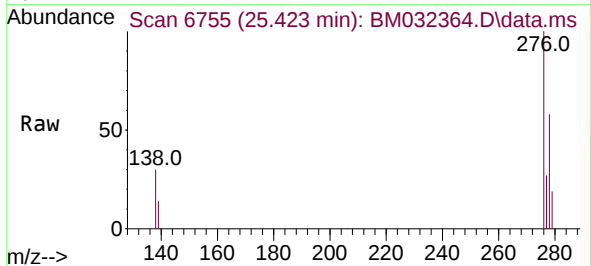




#28
Dibenzo(a,h)anthracene
Concen: 0.142 ng/ul
RT: 25.423 min Scan# 6755
Delta R.T. 0.000 min
Lab File: BM032364.D
Acq: 07 Oct 2021 19:44

Instrument :
BNA_M
ClientSampleId :
EW411MSD

Tgt Ion:	278	Resp:	9466
Ion Ratio	Lower	Upper	
278	100		
139	24.0	16.6	24.8
279	32.6	23.0	34.6



#29
Benzo(g,h,i)perylene
Concen: 0.198 ng/ul
RT: 26.069 min Scan# 7022
Delta R.T. -0.002 min
Lab File: BM032364.D
Acq: 07 Oct 2021 19:44

Tgt Ion:	276	Resp:	15313
Ion Ratio	Lower	Upper	
276	100		
138	29.2	21.0	31.4
277	26.7	19.8	29.8

