

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040545.D
 Acq On : 02 Jul 2023 18:09
 Operator : MA/JU
 Sample : PB153708BS
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS708

Quant Time: Jul 03 02:26:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 01 03:00:05 2023
 Response via : Initial Calibration

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

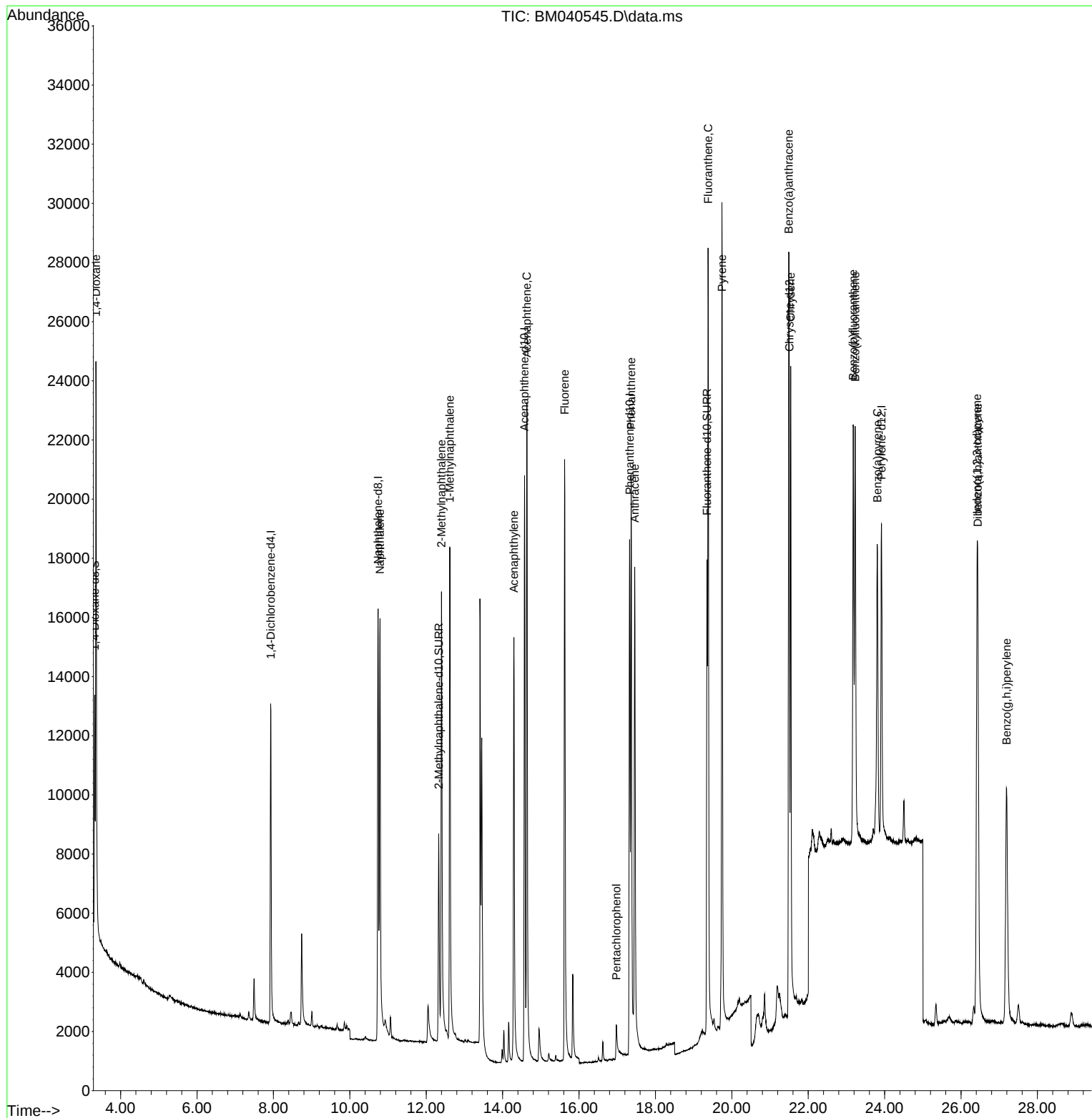
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	6263	0.400	ng/ul	0.00
4) Naphthalene-d8	10.740	136	24259	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.572	164	12694	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.324	188	25257	0.400	ng/ul	0.00
17) Chrysene-d12	21.506	240	16694	0.400	ng/ul	0.00
23) Perylene-d12	23.917	264	16259	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	5042	0.513	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.329	152	11643	0.342	ng/ul	0.00
18) Fluoranthene-d10	19.352	212	20345	0.380	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.354	88	13369	1.335	ng/ul	86
5) Naphthalene	10.789	128	22058	0.330	ng/ul	99
7) 2-Methylnaphthalene	12.400	142	13621	0.347	ng/ul	99
8) 1-Methylnaphthalene	12.620	142	13497	0.344	ng/ul	100
10) Acenaphthylene	14.295	152	20215	0.356	ng/ul	99
11) Acenaphthene	14.633	153	15027	0.314	ng/ul	99
12) Fluorene	15.623	166	16383	0.320	ng/ul	99
14) Pentachlorophenol	16.978	266	1591	0.327	ng/ul	95
15) Phenanthrene	17.366	178	24365	0.311	ng/ul	99
16) Anthracene	17.459	178	22786	0.346	ng/ul	99
19) Fluoranthene	19.380	202	26262	0.370	ng/ul	98
20) Pyrene	19.742	202	27651	0.364	ng/ul	99
21) Benzo(a)anthracene	21.488	228	21715	0.385	ng/ul	98
22) Chrysene	21.541	228	21336	0.331	ng/ul	98
24) Benzo(b)fluoranthene	23.178	252	20142	0.320	ng/ul	89
25) Benzo(k)fluoranthene	23.227	252	20446	0.330	ng/ul#	88
26) Benzo(a)pyrene	23.809	252	17737	0.313	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.420	276	23764	0.301	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.437	278	19019	0.308	ng/ul	94
29) Benzo(g,h,i)perylene	27.192	276	19913	0.288	ng/ul	97

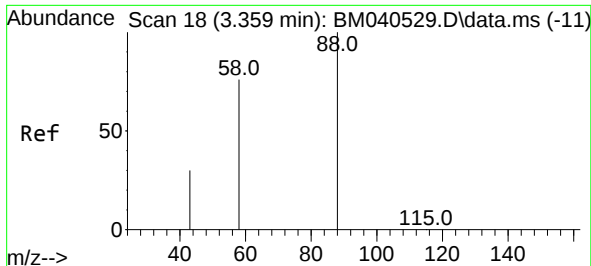
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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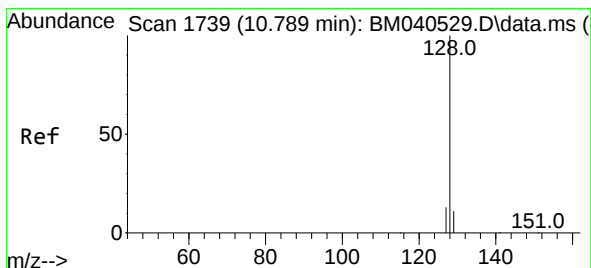
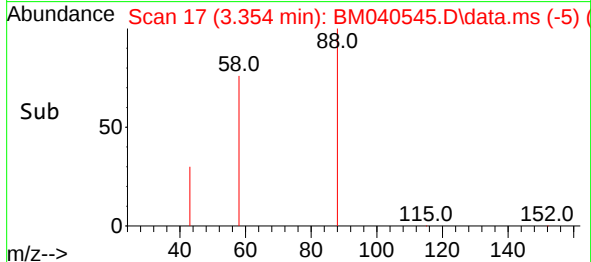
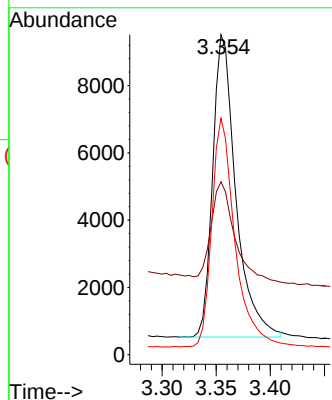
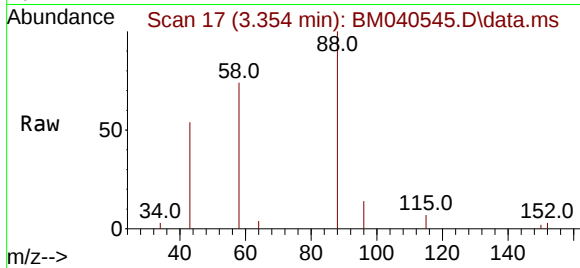




#2
1,4-Dioxane
Concen: 1.335 ng/ul
RT: 3.354 min Scan# 11
Delta R.T. -0.008 min
Lab File: BM040545.D
Acq: 02 Jul 2023 18:09

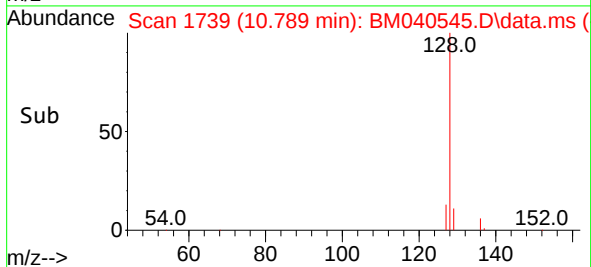
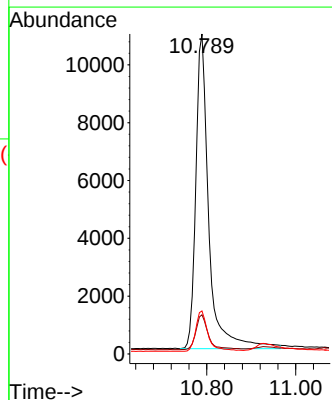
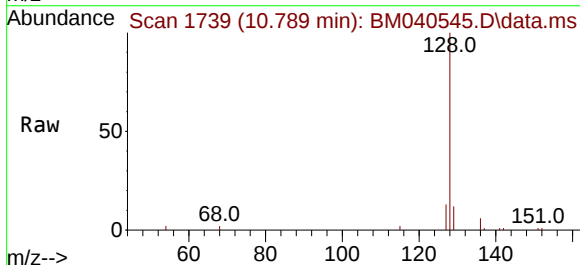
Instrument :
BNA_M
ClientSampleId :
SLCS708

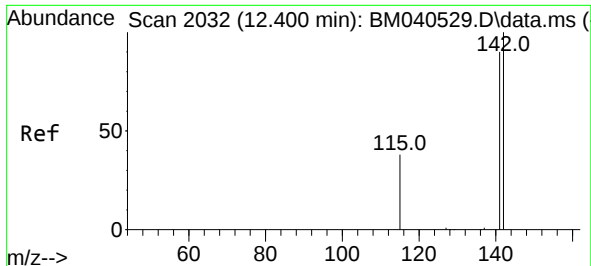
Tgt Ion: 88 Resp: 13369
Ion Ratio Lower Upper
88 100
43 54.1 36.1 54.1
58 73.8 49.8 74.8



#5
Naphthalene
Concen: 0.330 ng/ul
RT: 10.789 min Scan# 1739
Delta R.T. -0.005 min
Lab File: BM040545.D
Acq: 02 Jul 2023 18:09

Tgt Ion: 128 Resp: 22058
Ion Ratio Lower Upper
128 100
129 12.3 9.2 13.8
127 13.4 10.6 15.8

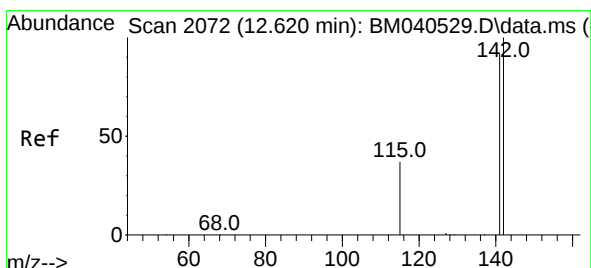
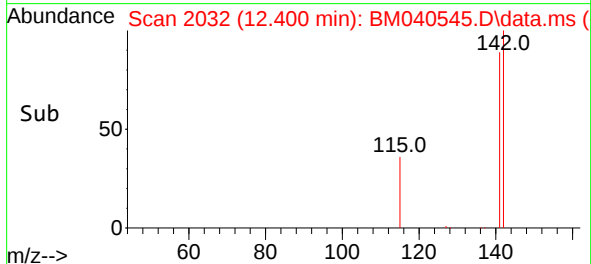
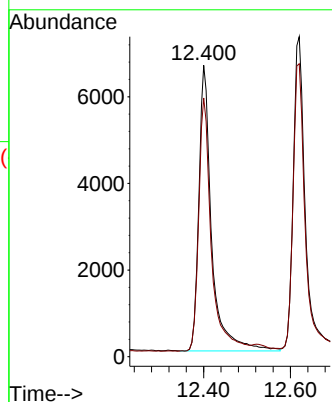
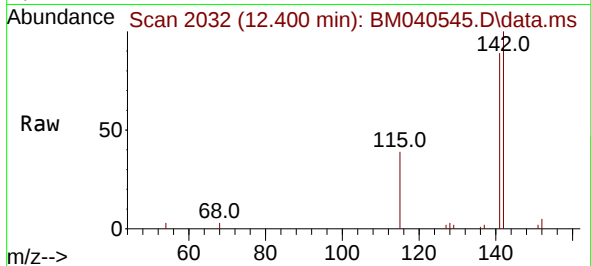




#7
2-Methylnaphthalene
Concen: 0.347 ng/ul
RT: 12.400 min Scan# 2032
Delta R.T. -0.005 min
Lab File: BM040545.D
Acq: 02 Jul 2023 18:09

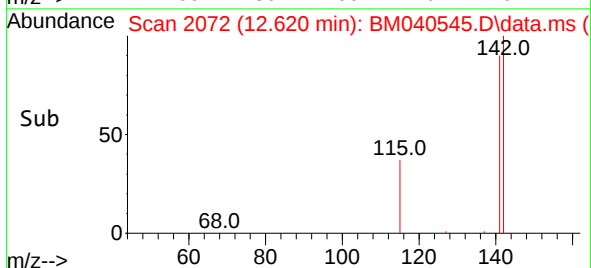
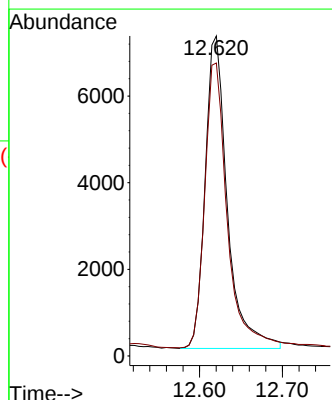
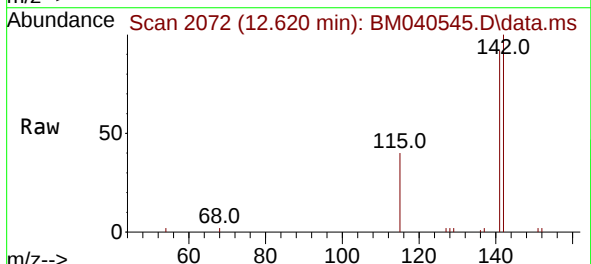
Instrument :
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ClientSampleId :
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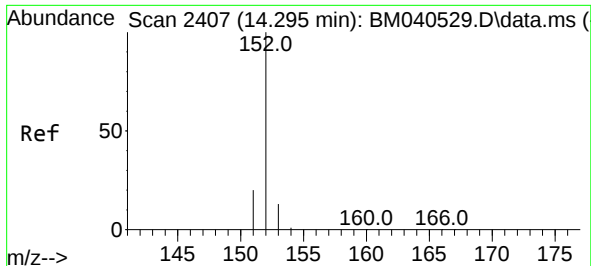
Tgt Ion:142 Resp: 13621
Ion Ratio Lower Upper
142 100
141 90.9 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.344 ng/ul
RT: 12.620 min Scan# 2072
Delta R.T. -0.005 min
Lab File: BM040545.D
Acq: 02 Jul 2023 18:09

Tgt Ion:142 Resp: 13497
Ion Ratio Lower Upper
142 100
141 92.0 73.7 110.5

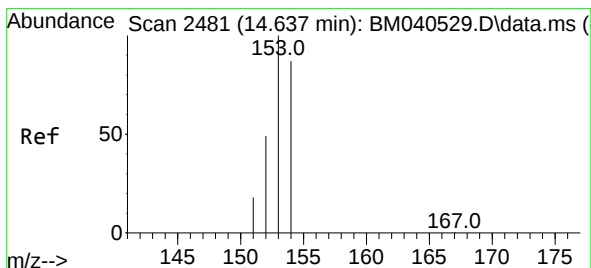
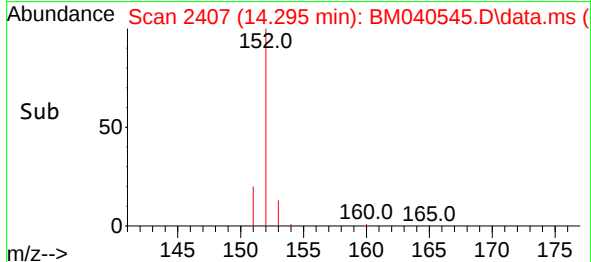
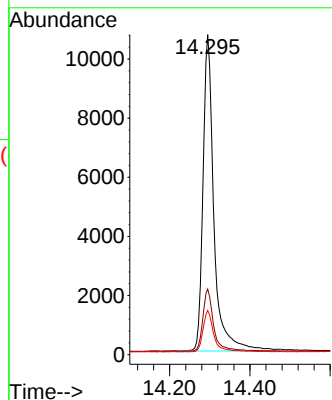
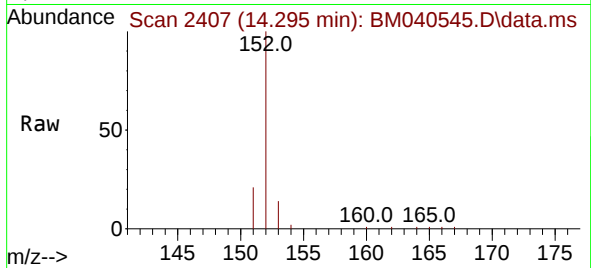




#10
Acenaphthylene
Concen: 0.356 ng/ul
RT: 14.295 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BM040545.D
Acq: 02 Jul 2023 18:09

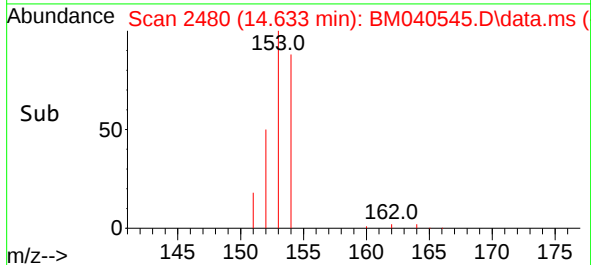
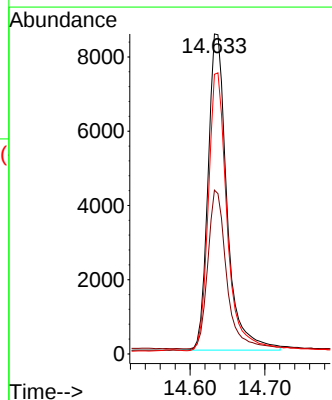
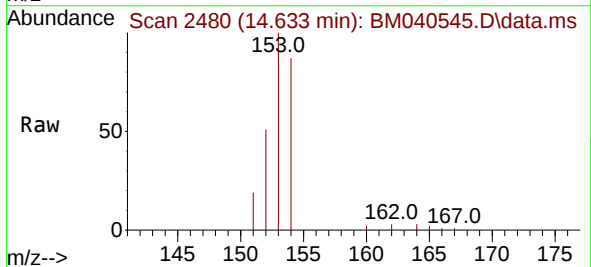
Instrument :
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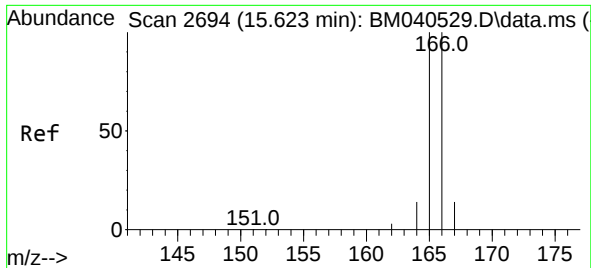
Tgt Ion:	152	Resp:	20215
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.2	24.2
153	13.8	10.9	16.3



#11
Acenaphthene
Concen: 0.314 ng/ul
RT: 14.633 min Scan# 2480
Delta R.T. -0.009 min
Lab File: BM040545.D
Acq: 02 Jul 2023 18:09

Tgt Ion:	153	Resp:	15027
Ion Ratio	Lower	Upper	
153	100		
152	51.2	41.0	61.4
154	87.4	70.8	106.2

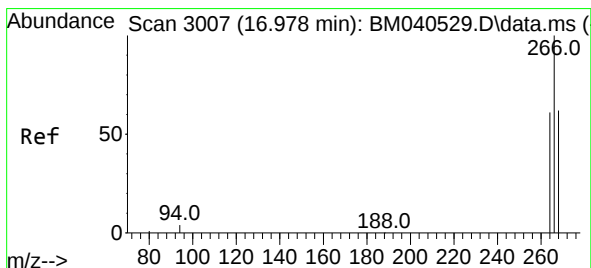
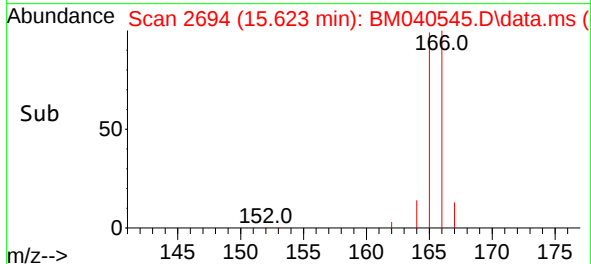
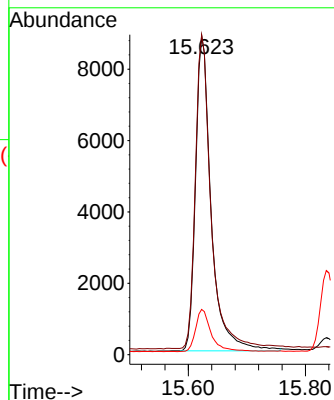
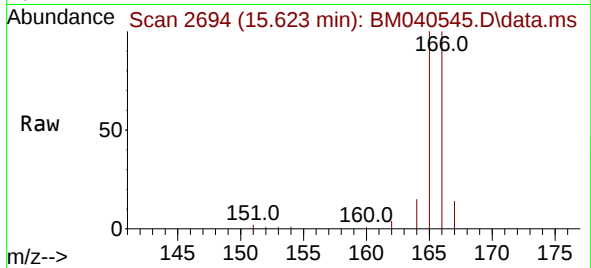




#12
Fluorene
Concen: 0.320 ng/ul
RT: 15.623 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM040545.D
Acq: 02 Jul 2023 18:09

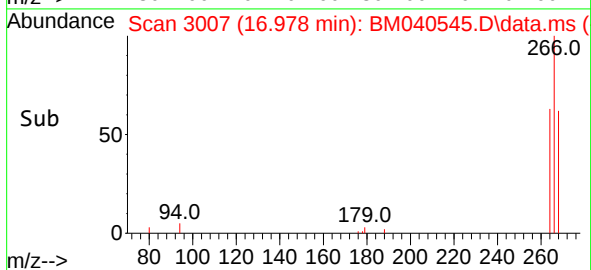
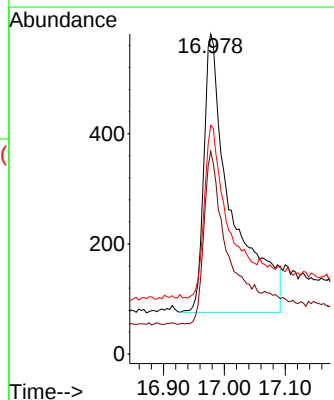
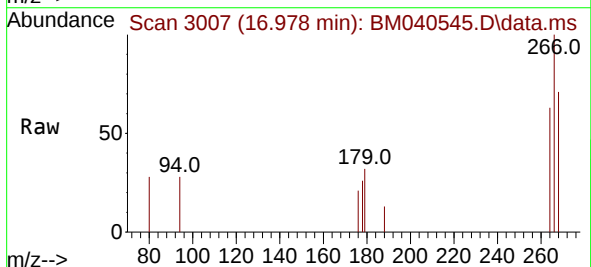
Instrument :
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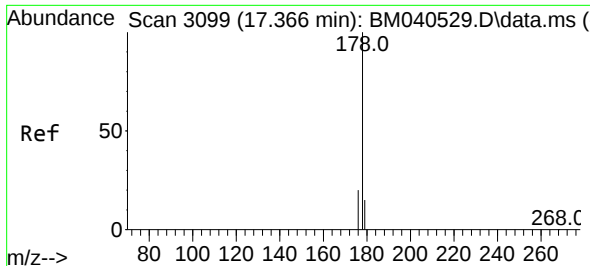
Tgt Ion:166 Resp: 16383
Ion Ratio Lower Upper
166 100
165 100.3 79.6 119.4
167 14.2 11.4 17.0



#14
Pentachlorophenol
Concen: 0.327 ng/ul
RT: 16.978 min Scan# 3007
Delta R.T. -0.004 min
Lab File: BM040545.D
Acq: 02 Jul 2023 18:09

Tgt Ion:266 Resp: 1591
Ion Ratio Lower Upper
266 100
264 61.8 45.4 68.0
268 61.9 47.2 70.8

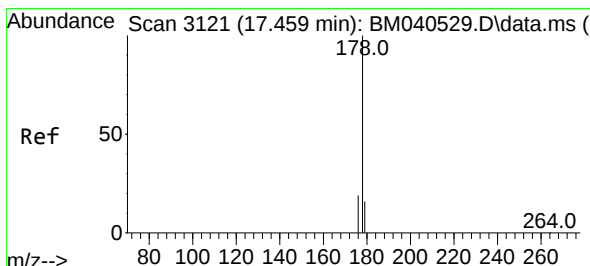
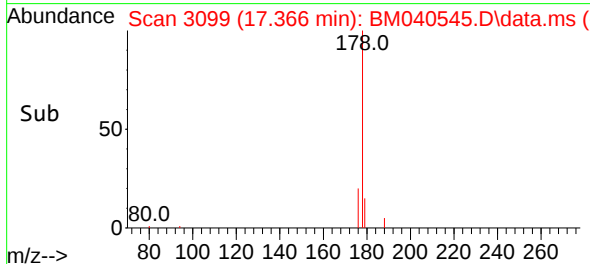
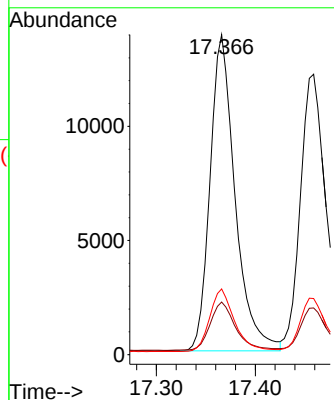
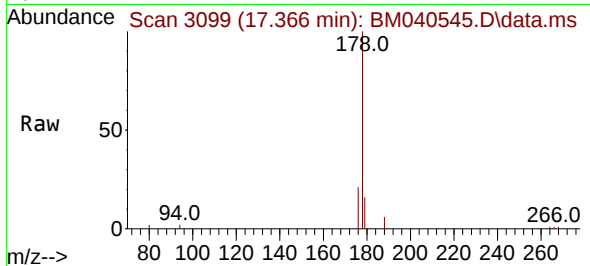




#15
Phenanthrene
Concen: 0.311 ng/ul
RT: 17.366 min Scan# 3099
Delta R.T. -0.004 min
Lab File: BM040545.D
Acq: 02 Jul 2023 18:09

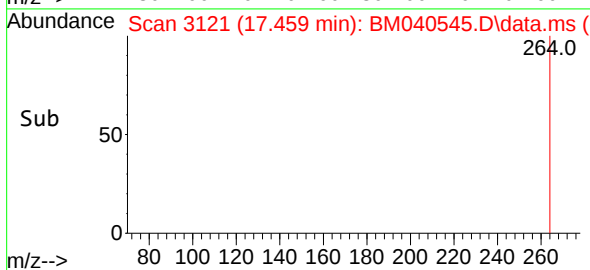
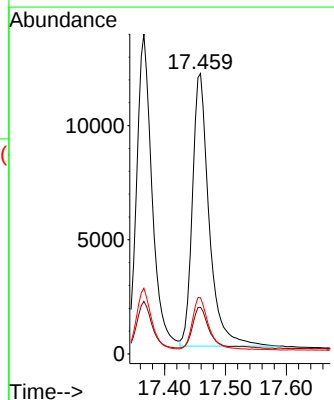
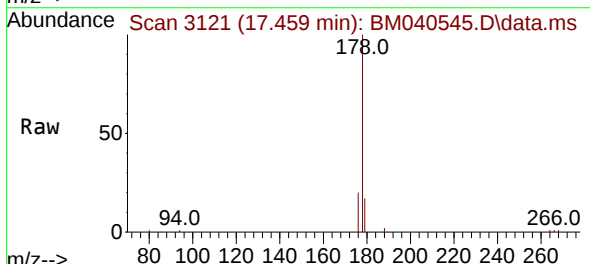
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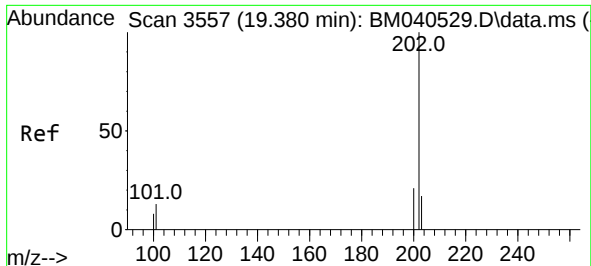
Tgt Ion:178	Resp:	24365
Ion Ratio	Lower	Upper
178	100	
179	16.5	12.8 19.2
176	20.6	16.4 24.6



#16
Anthracene
Concen: 0.346 ng/ul
RT: 17.459 min Scan# 3121
Delta R.T. -0.004 min
Lab File: BM040545.D
Acq: 02 Jul 2023 18:09

Tgt Ion:178	Resp:	22786
Ion Ratio	Lower	Upper
178	100	
179	16.7	12.9 19.3
176	20.0	15.8 23.6

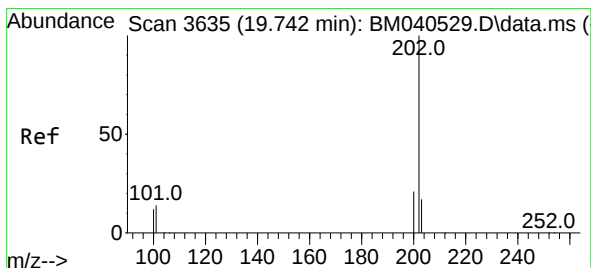
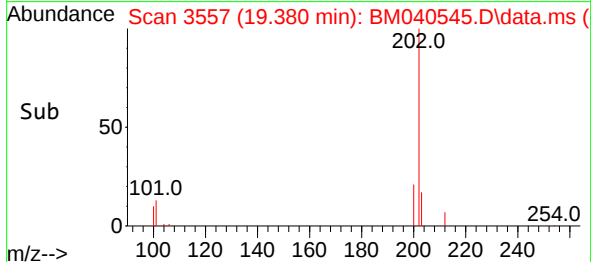
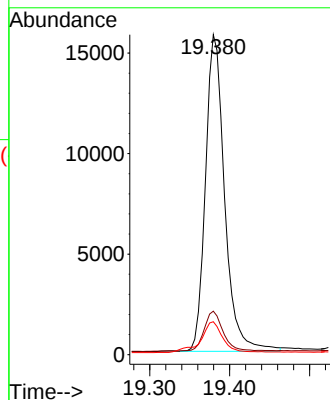
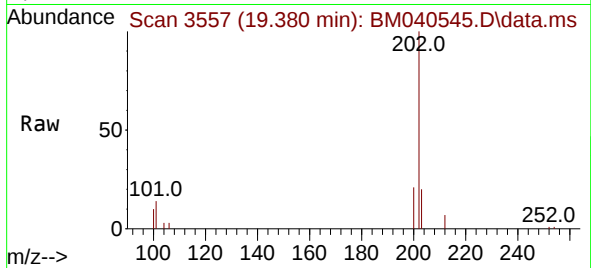




#19
Fluoranthene
Concen: 0.370 ng/ul
RT: 19.380 min Scan# 3557
Delta R.T. -0.005 min
Lab File: BM040545.D
Acq: 02 Jul 2023 18:09

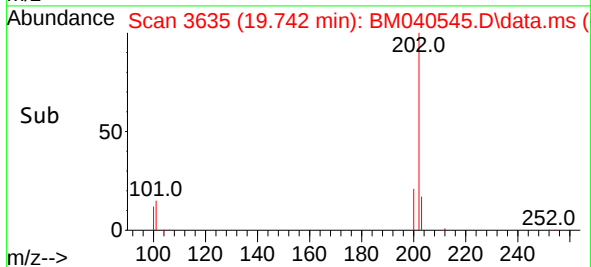
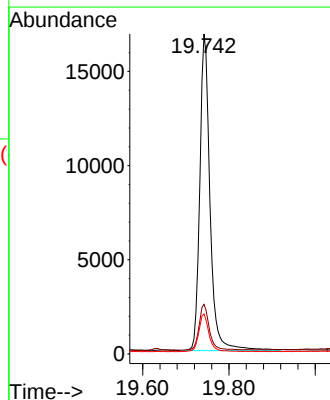
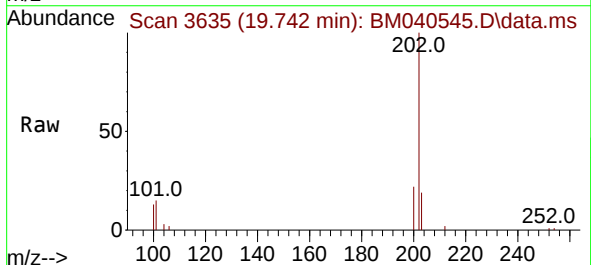
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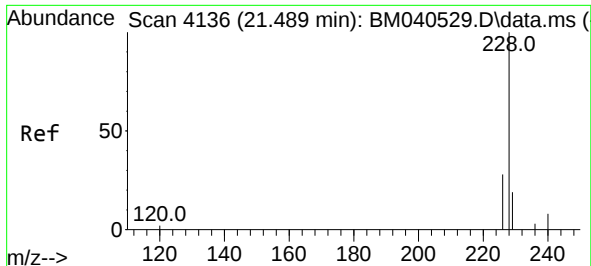
Tgt Ion:202 Resp: 26262
Ion Ratio Lower Upper
202 100
101 13.6 11.4 17.0
100 10.3 8.7 13.1



#20
Pyrene
Concen: 0.364 ng/ul
RT: 19.742 min Scan# 3635
Delta R.T. -0.005 min
Lab File: BM040545.D
Acq: 02 Jul 2023 18:09

Tgt Ion:202 Resp: 27651
Ion Ratio Lower Upper
202 100
101 15.5 12.6 18.8
100 12.5 9.8 14.6

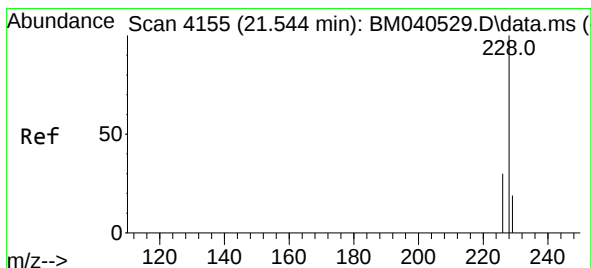
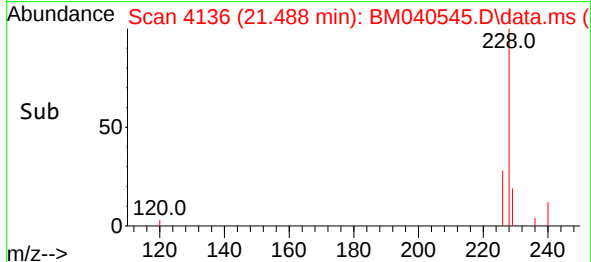
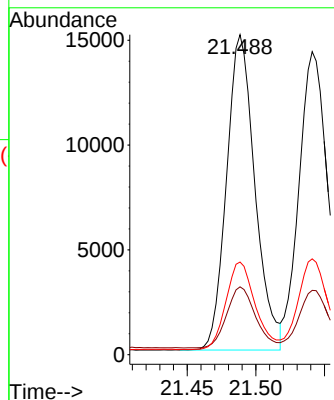
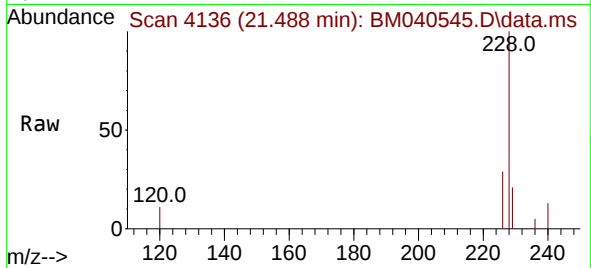




#21
Benzo(a)anthracene
Concen: 0.385 ng/ul
RT: 21.488 min Scan# 4136
Delta R.T. -0.003 min
Lab File: BM040545.D
Acq: 02 Jul 2023 18:09

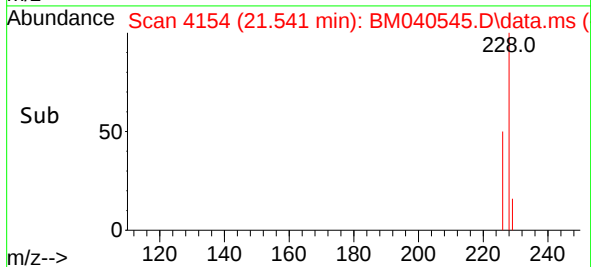
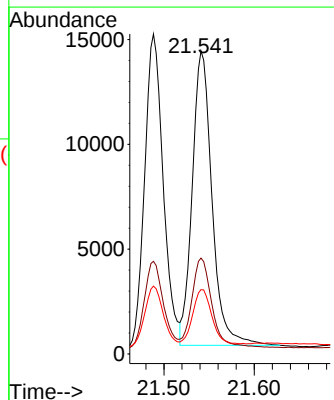
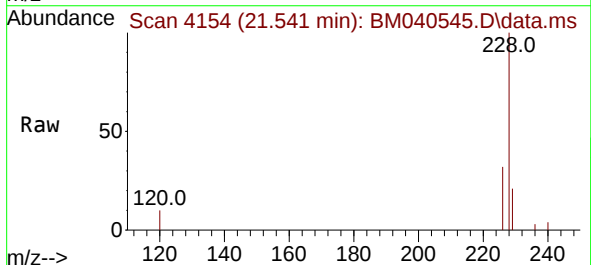
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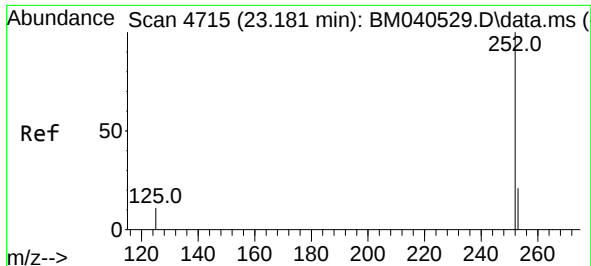
Tgt Ion:228	Resp:	21715
Ion Ratio	Lower	Upper
228	100	
229	21.2	16.0 24.0
226	28.9	22.3 33.5



#22
Chrysene
Concen: 0.331 ng/ul
RT: 21.541 min Scan# 4154
Delta R.T. -0.003 min
Lab File: BM040545.D
Acq: 02 Jul 2023 18:09

Tgt Ion:228	Resp:	21336
Ion Ratio	Lower	Upper
228	100	
226	31.6	24.9 37.3
229	21.2	15.8 23.6

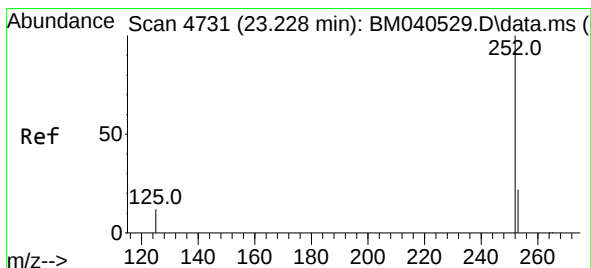
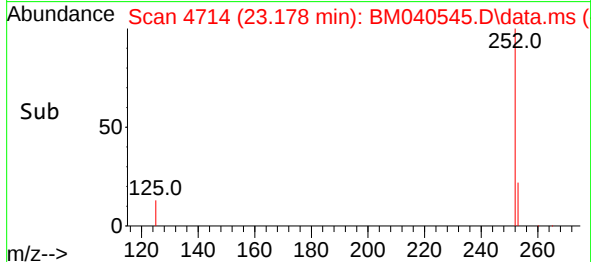
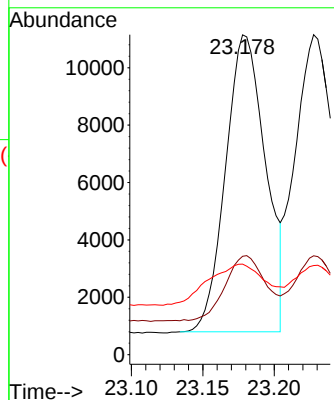
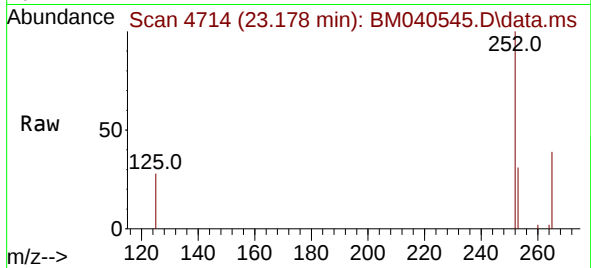




#24
Benzo(b)fluoranthene
Concen: 0.320 ng/ul
RT: 23.178 min Scan# 4714
Delta R.T. -0.003 min
Lab File: BM040545.D
Acq: 02 Jul 2023 18:09

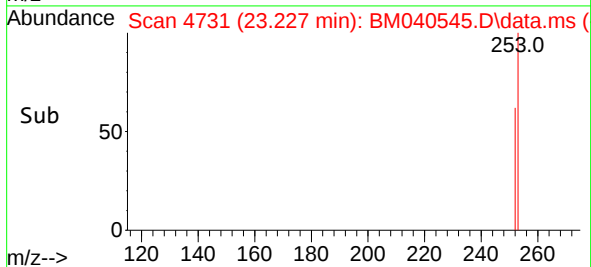
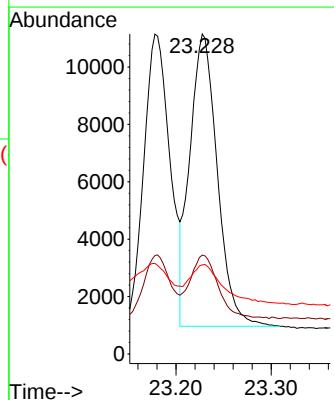
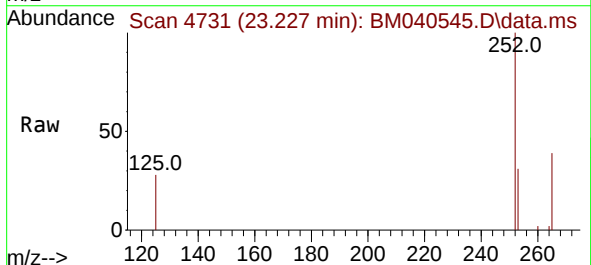
Instrument :
BNA_M
ClientSampleId :
SLCS708

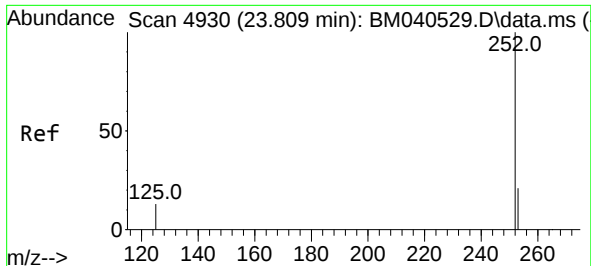
Tgt Ion:252 Resp: 20142
Ion Ratio Lower Upper
252 100
253 30.8 0.0 52.8
125 28.3 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.330 ng/ul
RT: 23.227 min Scan# 4731
Delta R.T. 0.000 min
Lab File: BM040545.D
Acq: 02 Jul 2023 18:09

Tgt Ion:252 Resp: 20446
Ion Ratio Lower Upper
252 100
253 30.9 21.2 31.8
125 27.8 16.4 24.6#

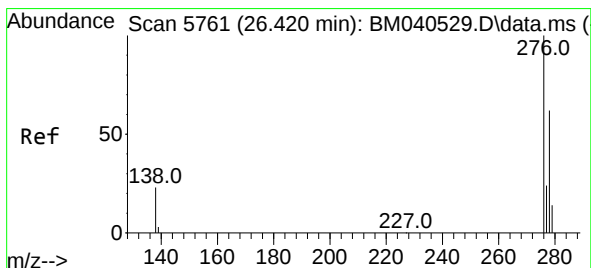
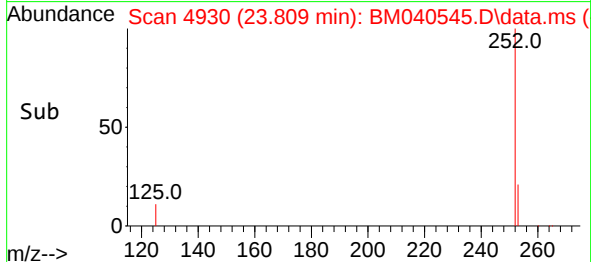
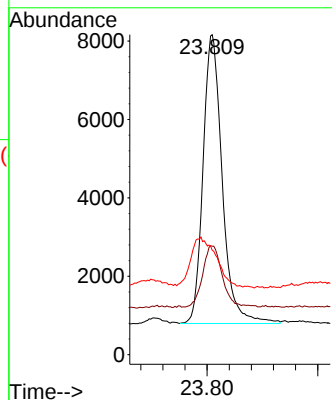
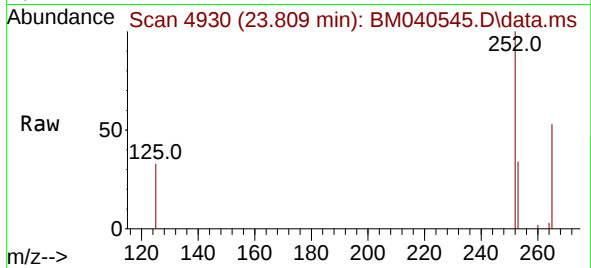




#26
Benzo(a)pyrene
Concen: 0.313 ng/ul
RT: 23.809 min Scan# 4930
Delta R.T. -0.003 min
Lab File: BM040545.D
Acq: 02 Jul 2023 18:09

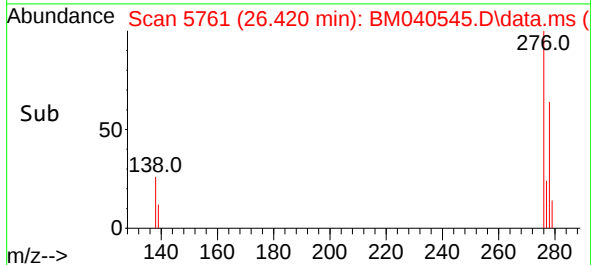
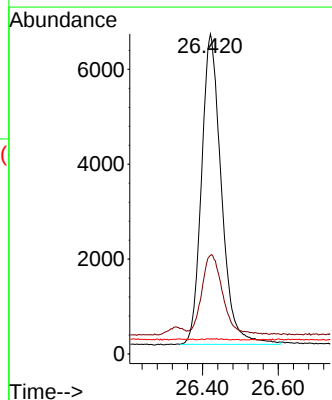
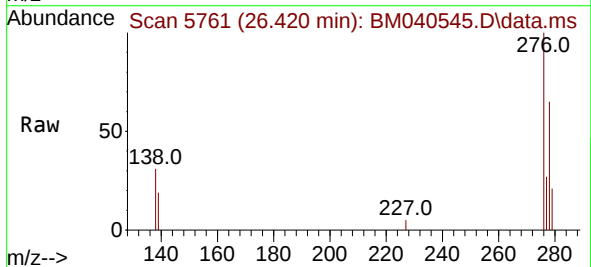
Instrument :
BNA_M
ClientSampleId :
SLCS708

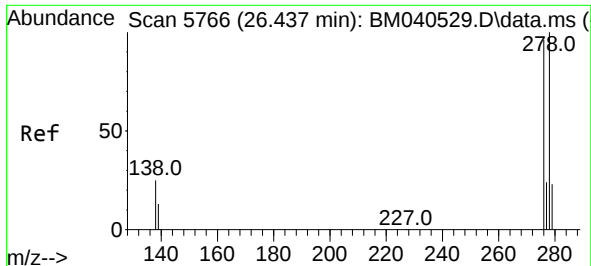
Tgt Ion:252 Resp: 17737
Ion Ratio Lower Upper
252 100
253 33.9 22.9 34.3
125 32.6 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.301 ng/ul
RT: 26.420 min Scan# 5761
Delta R.T. 0.000 min
Lab File: BM040545.D
Acq: 02 Jul 2023 18:09

Tgt Ion:276 Resp: 23764
Ion Ratio Lower Upper
276 100
138 26.8 24.5 36.7
227 0.0 0.1 0.1#

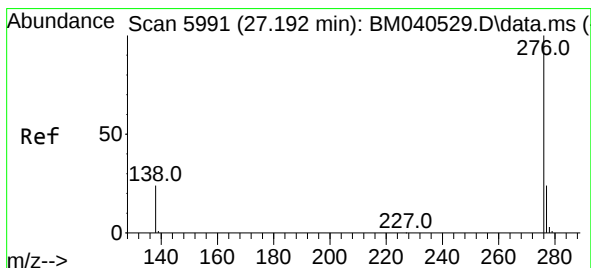
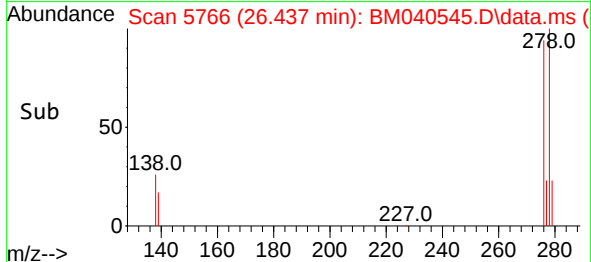
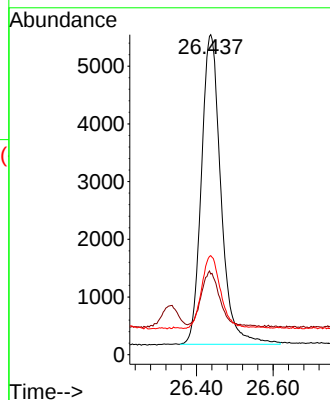
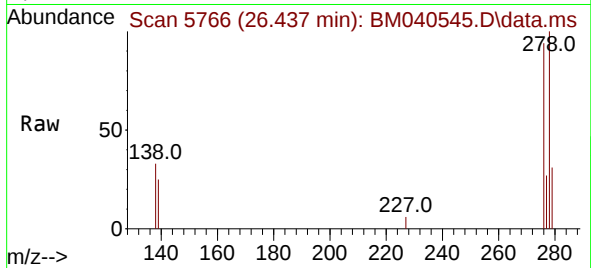




#28
Dibenzo(a,h)anthracene
Concen: 0.308 ng/ul
RT: 26.437 min Scan# 5766
Delta R.T. 0.000 min
Lab File: BM040545.D
Acq: 02 Jul 2023 18:09

Instrument :
BNA_M
ClientSampleId :
SLCS708

Tgt Ion:278 Resp: 19019
Ion Ratio Lower Upper
278 100
139 25.2 17.9 26.9
279 30.9 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 0.288 ng/ul
RT: 27.192 min Scan# 5991
Delta R.T. 0.007 min
Lab File: BM040545.D
Acq: 02 Jul 2023 18:09

Tgt Ion:276 Resp: 19913
Ion Ratio Lower Upper
276 100
138 30.4 23.0 34.6
277 26.6 20.3 30.5

