

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071123\
 Data File : BM040814.D
 Acq On : 11 Jul 2023 15:59
 Operator : MA/JU
 Sample : PB154053BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS053

Quant Time: Jul 12 04:34:32 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 : Tue Jul 11 03:54:24 2023
 Response via : Initial Calibration

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

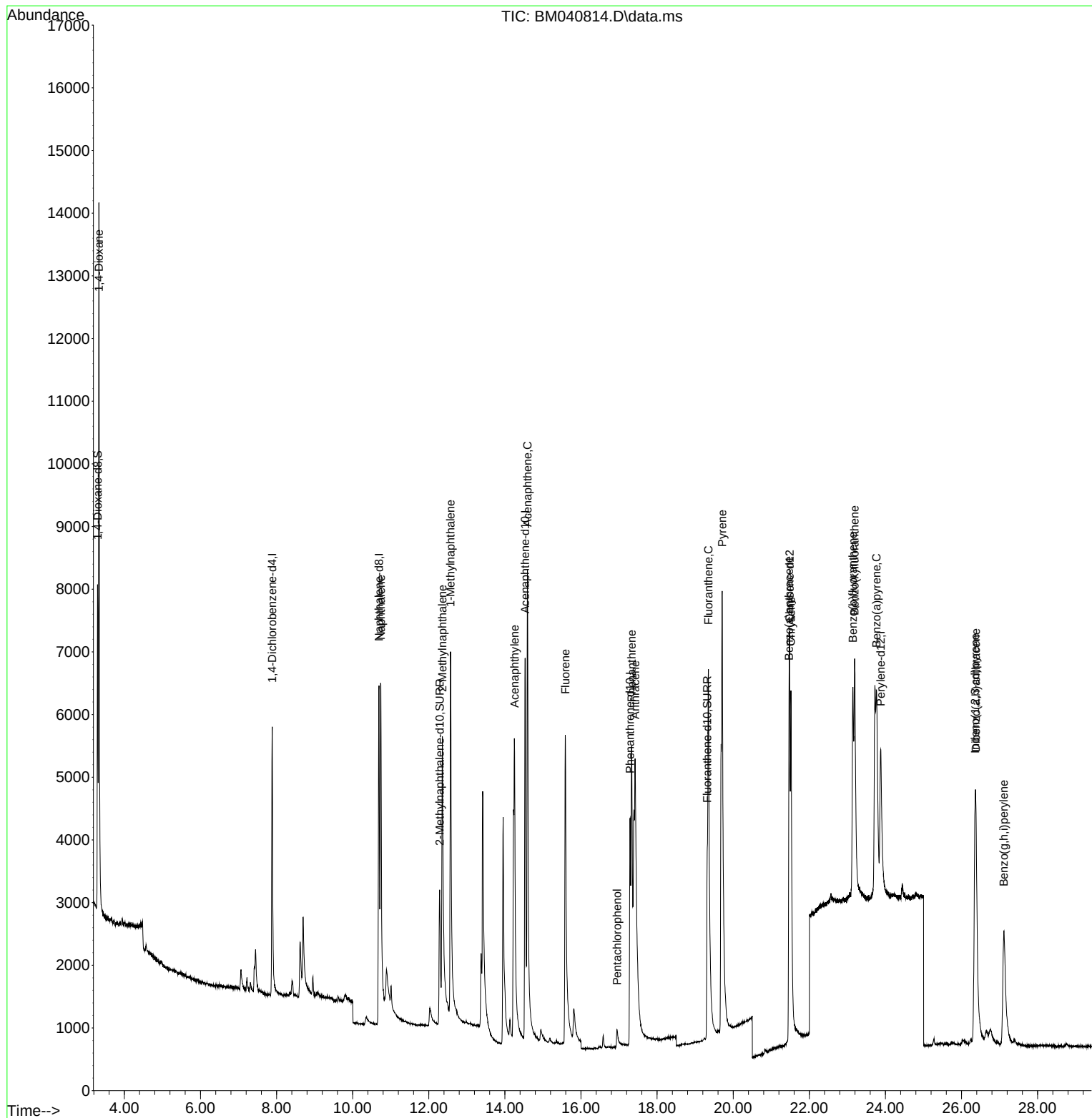
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	2689	0.400	ng/ul	0.00
4) Naphthalene-d8	10.691	136	10484	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.532	164	4636	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.291	188	7472	0.400	ng/ul	0.00
17) Chrysene-d12	21.483	240	5352	0.400	ng/ul	0.00
23) Perylene-d12	23.874	264	4376	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	3311	0.784	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.286	152	5096	0.347	ng/ul	0.00
18) Fluoranthene-d10	19.320	212	6232	0.363	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.330	88	7394	1.720	ng/ul	90
5) Naphthalene	10.741	128	9886	0.342	ng/ul	97
7) 2-Methylnaphthalene	12.357	142	5580	0.329	ng/ul	97
8) 1-Methylnaphthalene	12.572	142	5540	0.326	ng/ul	98
10) Acenaphthylene	14.254	152	6992	0.338	ng/ul	94
11) Acenaphthene	14.597	153	5837	0.334	ng/ul	99
12) Fluorene	15.591	166	6031	0.323	ng/ul	99
14) Pentachlorophenol	16.949	266	422	0.293	ng/ul	90
15) Phenanthrene	17.333	178	7599	0.327	ng/ul#	95
16) Anthracene	17.426	178	7442	0.382	ng/ul#	93
19) Fluoranthene	19.348	202	7872	0.346	ng/ul	96
20) Pyrene	19.710	202	8662	0.355	ng/ul#	95
21) Benzo(a)anthracene	21.466	228	6367	0.352	ng/ul	96
22) Chrysene	21.518	228	7420	0.359	ng/ul	98
24) Benzo(b)fluoranthene	23.146	252	6260	0.370	ng/ul	82
25) Benzo(k)fluoranthene	23.190	252	6812	0.408	ng/ul#	87
26) Benzo(a)pyrene	23.769	252	5944	0.390	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.357	276	8453	0.398	ng/ul#	44
28) Dibenzo(a,h)anthracene	26.374	278	6149	0.370	ng/ul#	89
29) Benzo(g,h,i)perylene	27.112	276	6578	0.353	ng/ul	94

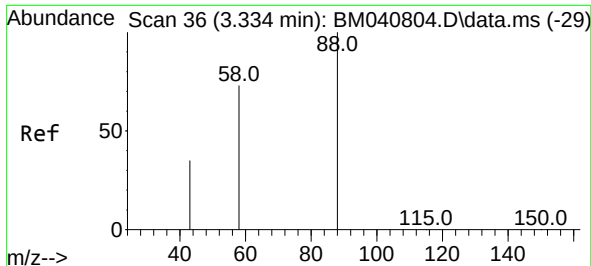
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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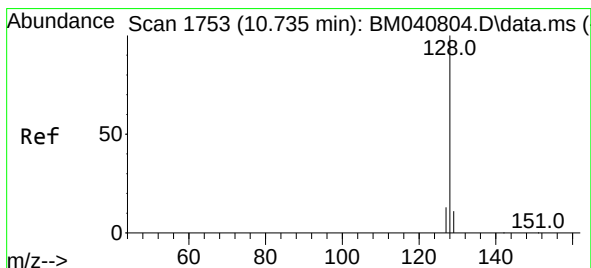
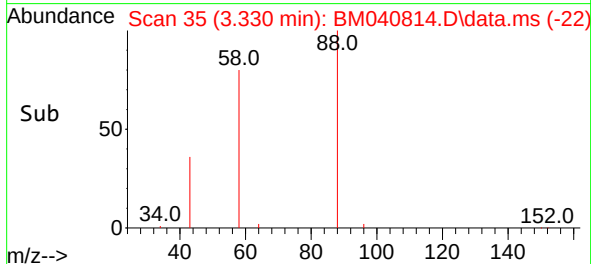
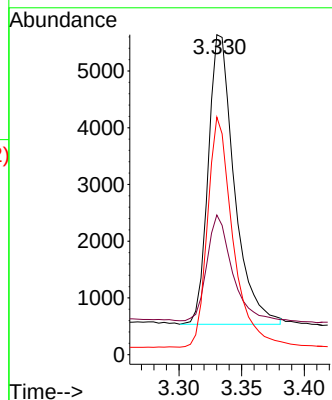
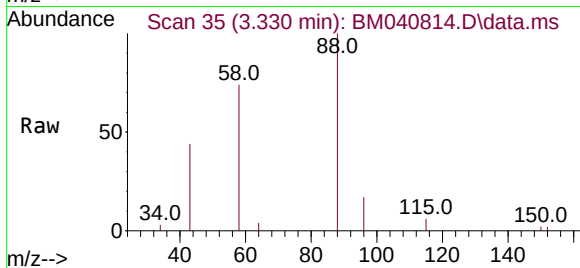




#2
1,4-Dioxane
Concen: 1.720 ng/ul
RT: 3.330 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM040814.D
Acq: 11 Jul 2023 15:59

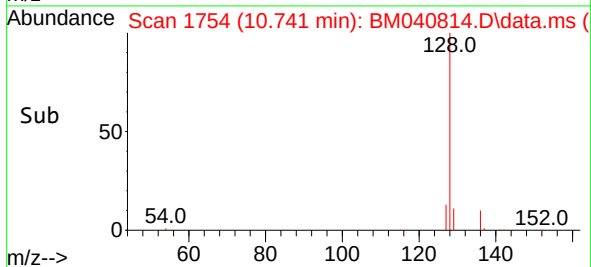
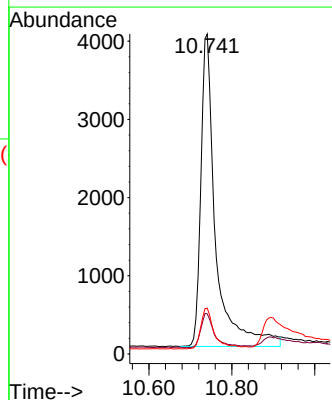
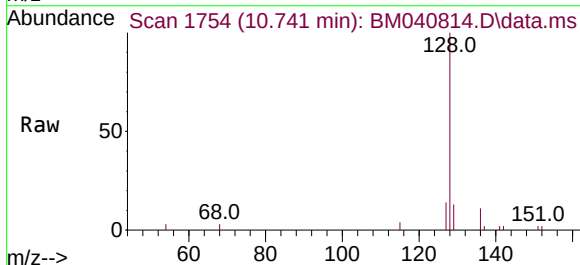
Instrument :
BNA_M
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SLCS053

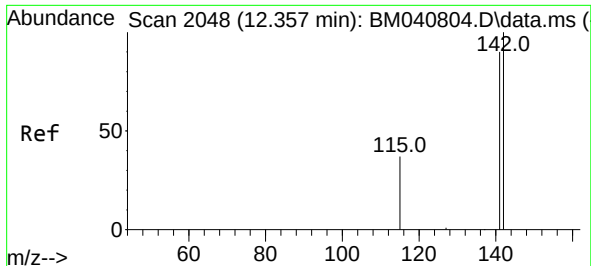
Tgt Ion: 88 Resp: 7394
Ion Ratio Lower Upper
88 100
43 43.7 36.1 54.1
58 74.2 49.8 74.8



#5
Naphthalene
Concen: 0.342 ng/ul
RT: 10.741 min Scan# 1754
Delta R.T. 0.000 min
Lab File: BM040814.D
Acq: 11 Jul 2023 15:59

Tgt Ion: 128 Resp: 9886
Ion Ratio Lower Upper
128 100
129 12.6 9.2 13.8
127 14.3 10.6 15.8

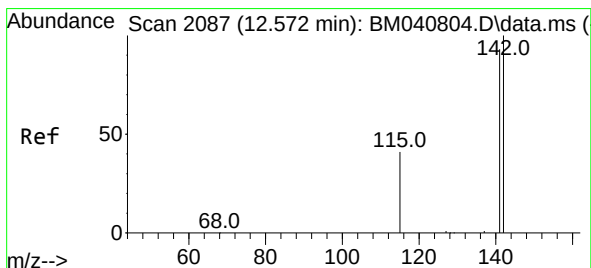
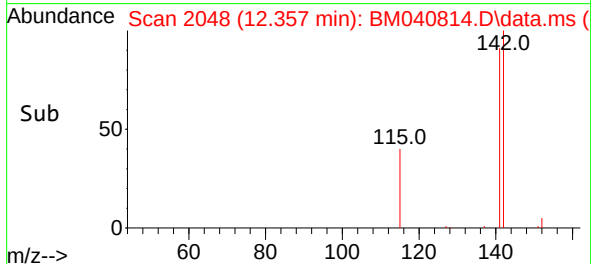
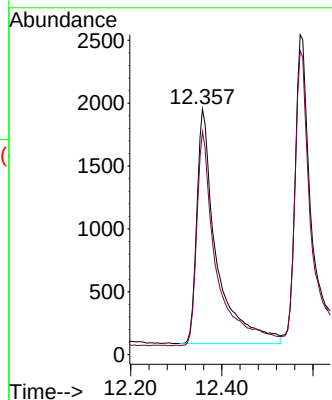
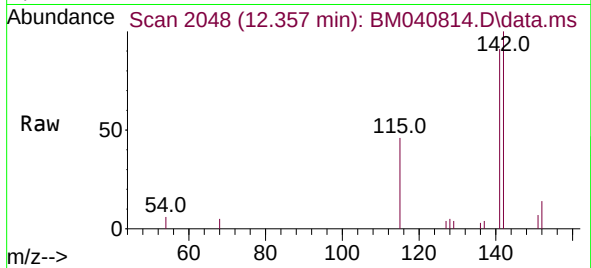




#7
2-Methylnaphthalene
Concen: 0.329 ng/ul
RT: 12.357 min Scan# 2048
Delta R.T. 0.000 min
Lab File: BM040814.D
Acq: 11 Jul 2023 15:59

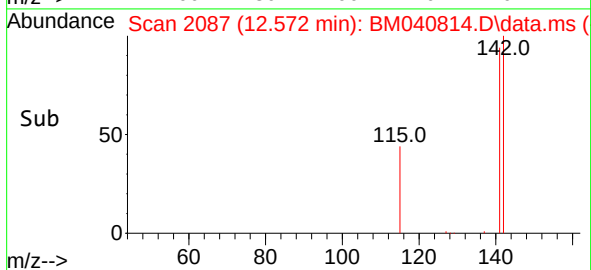
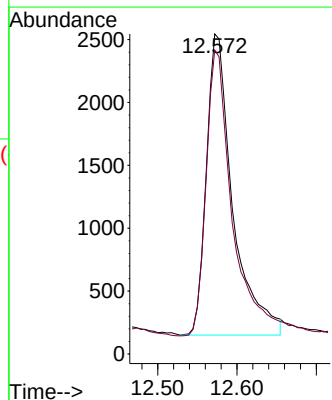
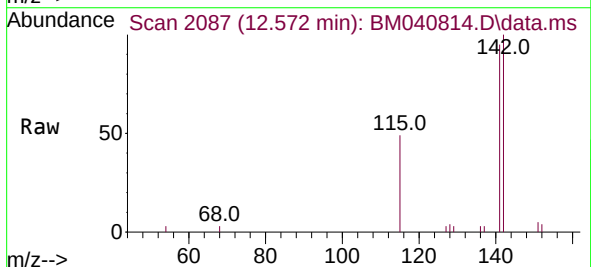
Instrument :
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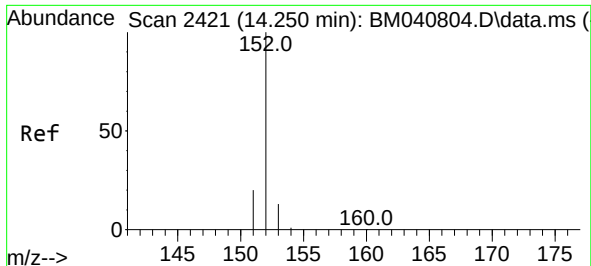
Tgt Ion:142 Resp: 5580
Ion Ratio Lower Upper
142 100
141 92.4 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.326 ng/ul
RT: 12.572 min Scan# 2087
Delta R.T. -0.005 min
Lab File: BM040814.D
Acq: 11 Jul 2023 15:59

Tgt Ion:142 Resp: 5540
Ion Ratio Lower Upper
142 100
141 93.8 73.7 110.5

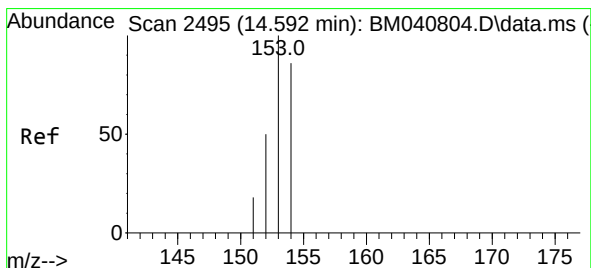
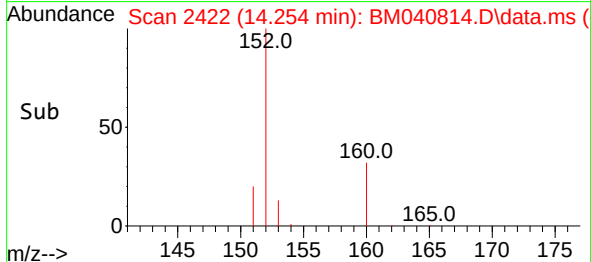
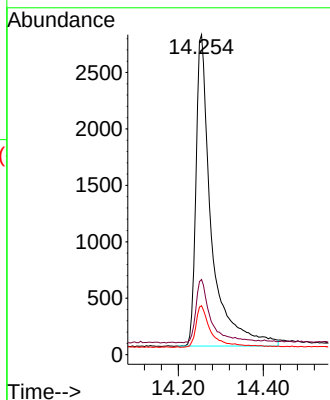
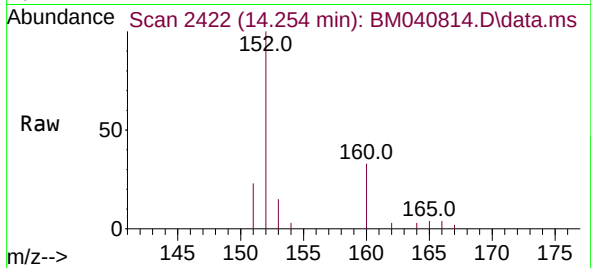




#10
Acenaphthylene
Concen: 0.338 ng/ul
RT: 14.254 min Scan# 2422
Delta R.T. 0.000 min
Lab File: BM040814.D
Acq: 11 Jul 2023 15:59

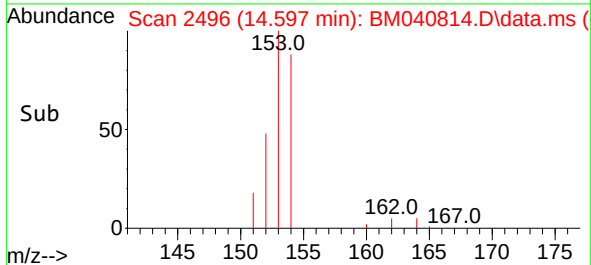
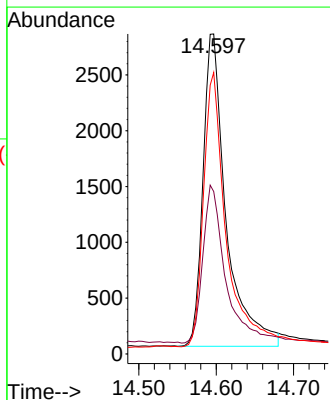
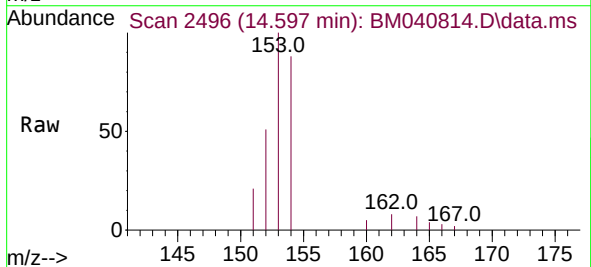
Instrument :
BNA_M
ClientSampleId :
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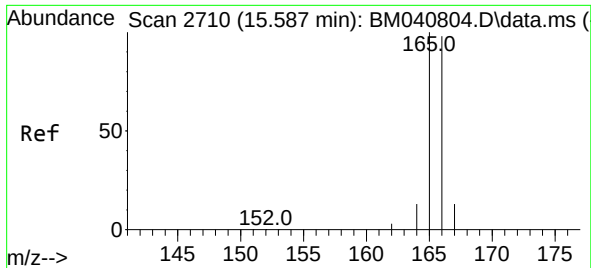
Tgt Ion:152 Resp: 6992
Ion Ratio Lower Upper
152 100
151 23.5 16.2 24.2
153 15.3 10.9 16.3



#11
Acenaphthene
Concen: 0.334 ng/ul
RT: 14.597 min Scan# 2496
Delta R.T. 0.000 min
Lab File: BM040814.D
Acq: 11 Jul 2023 15:59

Tgt Ion:153 Resp: 5837
Ion Ratio Lower Upper
153 100
152 50.7 41.0 61.4
154 87.9 70.8 106.2

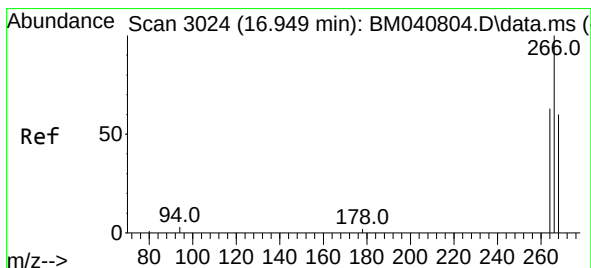
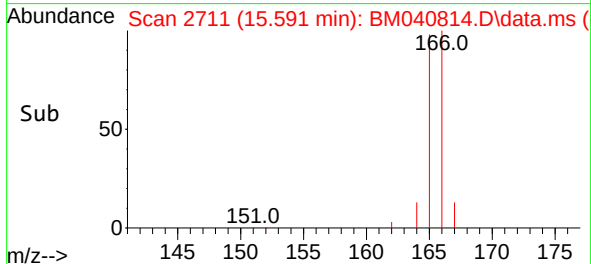
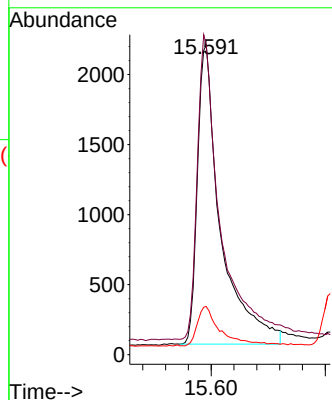
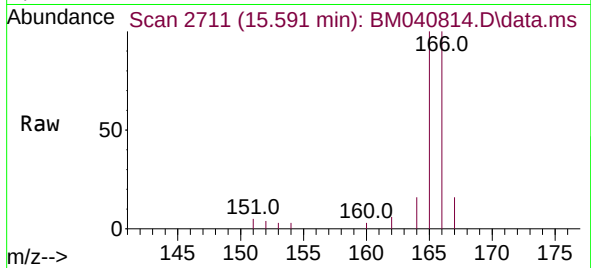




#12
 Fluorene
 Concen: 0.323 ng/ul
 RT: 15.591 min Scan# 2711
 Delta R.T. 0.000 min
 Lab File: BM040814.D
 Acq: 11 Jul 2023 15:59

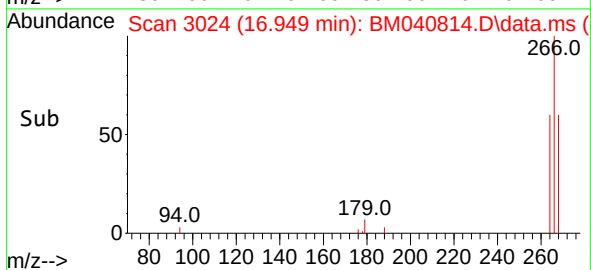
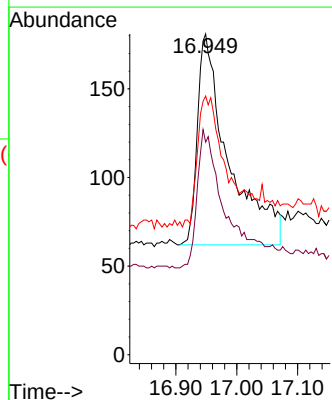
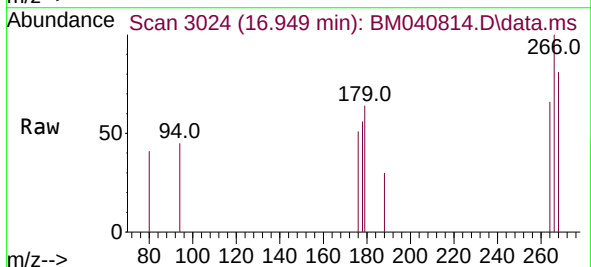
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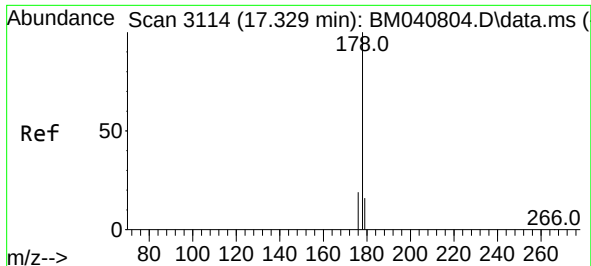
Tgt Ion:166 Resp: 6031
 Ion Ratio Lower Upper
 166 100
 165 100.1 79.6 119.4
 167 15.5 11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.293 ng/ul
 RT: 16.949 min Scan# 3024
 Delta R.T. -0.008 min
 Lab File: BM040814.D
 Acq: 11 Jul 2023 15:59

Tgt Ion:266 Resp: 422
 Ion Ratio Lower Upper
 266 100
 264 63.0 45.4 68.0
 268 67.1 47.2 70.8

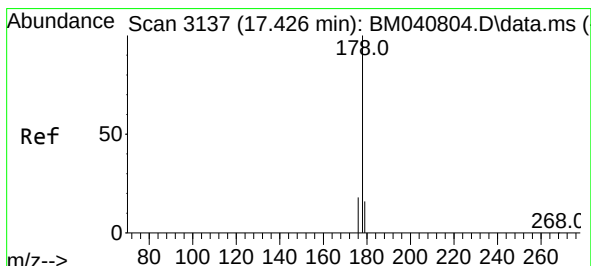
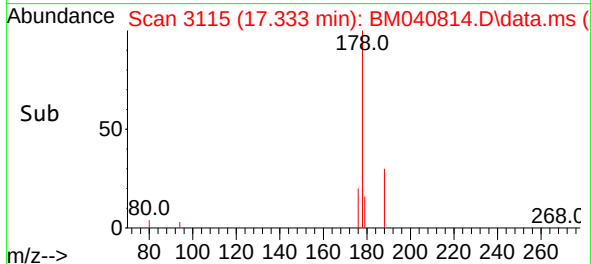
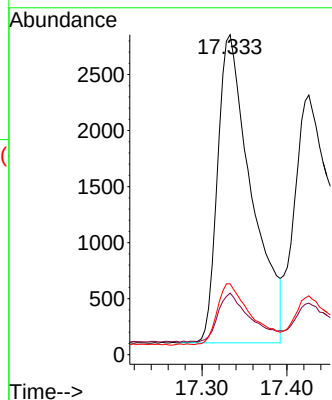
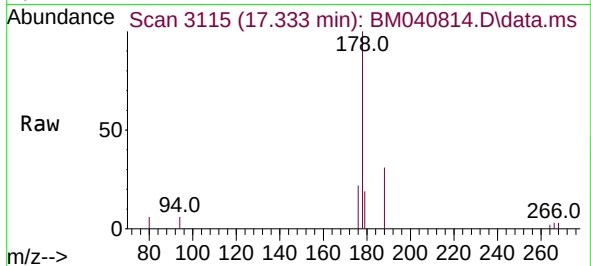




#15
Phenanthrene
Concen: 0.327 ng/ul
RT: 17.333 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BM040814.D
Acq: 11 Jul 2023 15:59

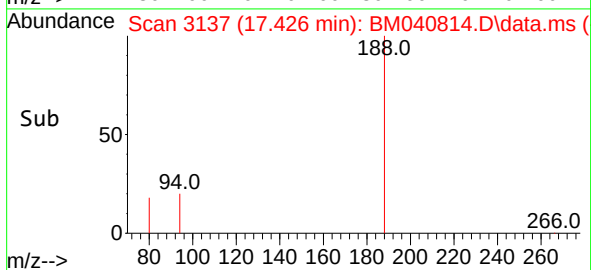
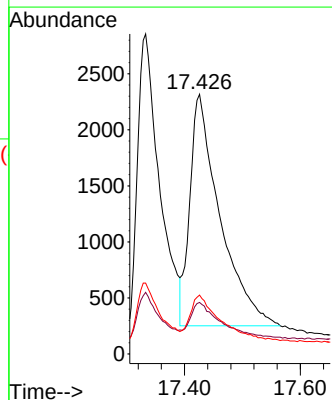
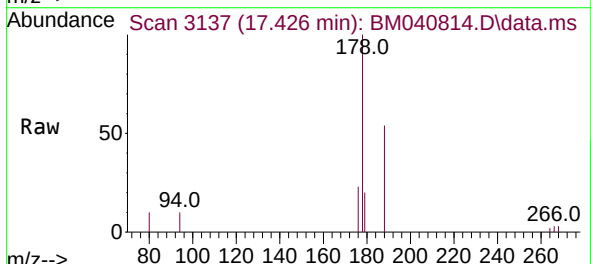
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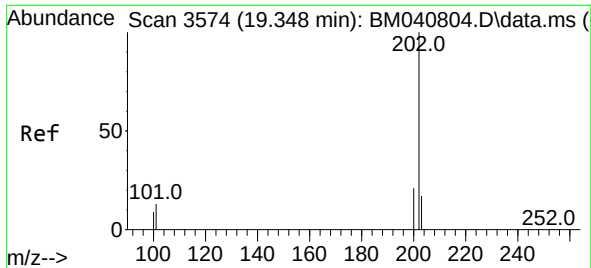
Tgt Ion:178 Resp: 7599
Ion Ratio Lower Upper
178 100
179 19.2 12.8 19.2#
176 22.1 16.4 24.6



#16
Anthracene
Concen: 0.382 ng/ul
RT: 17.426 min Scan# 3137
Delta R.T. -0.004 min
Lab File: BM040814.D
Acq: 11 Jul 2023 15:59

Tgt Ion:178 Resp: 7442
Ion Ratio Lower Upper
178 100
179 19.8 12.9 19.3#
176 22.6 15.8 23.6

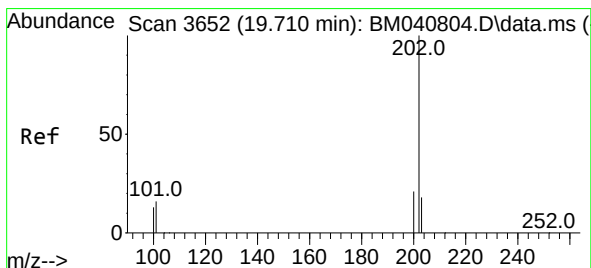
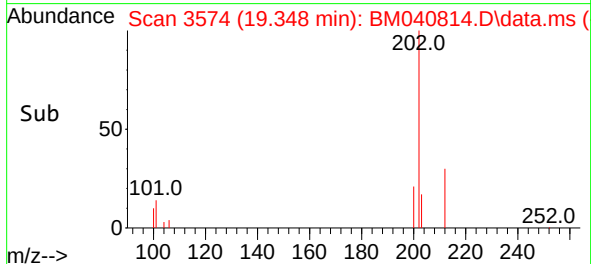
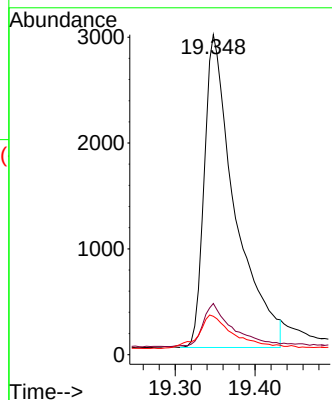
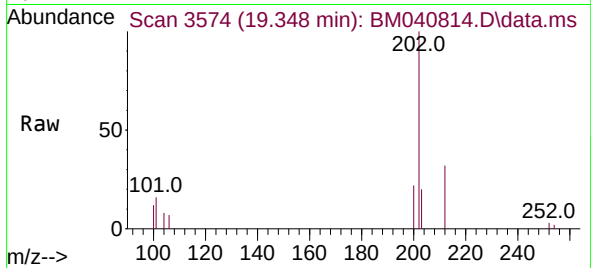




#19
Fluoranthene
Concen: 0.346 ng/ul
RT: 19.348 min Scan# 3574
Delta R.T. -0.004 min
Lab File: BM040814.D
Acq: 11 Jul 2023 15:59

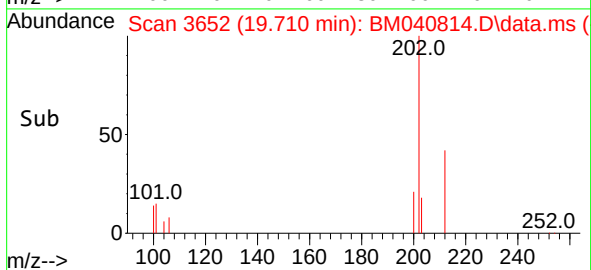
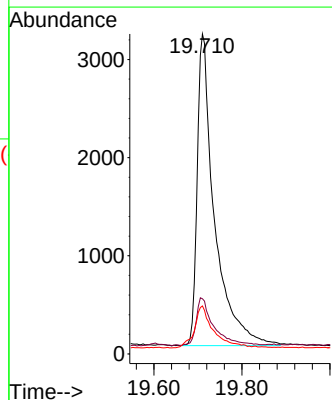
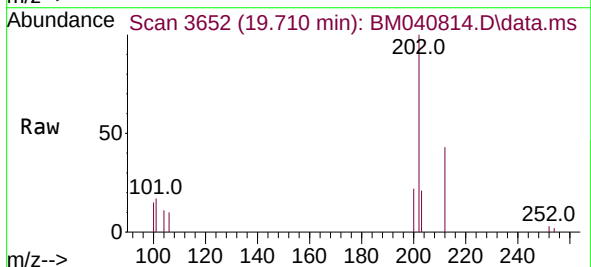
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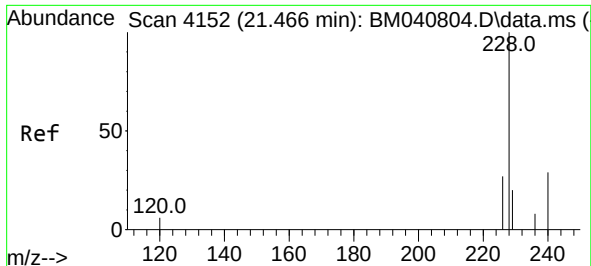
Tgt Ion:202 Resp: 7872
Ion Ratio Lower Upper
202 100
101 16.0 11.4 17.0
100 12.0 8.7 13.1



#20
Pyrene
Concen: 0.355 ng/ul
RT: 19.710 min Scan# 3652
Delta R.T. -0.004 min
Lab File: BM040814.D
Acq: 11 Jul 2023 15:59

Tgt Ion:202 Resp: 8662
Ion Ratio Lower Upper
202 100
101 17.3 12.6 18.8
100 15.0 9.8 14.6#

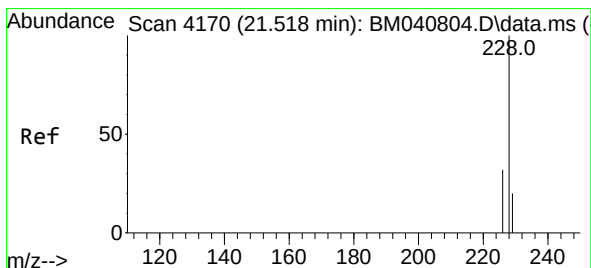
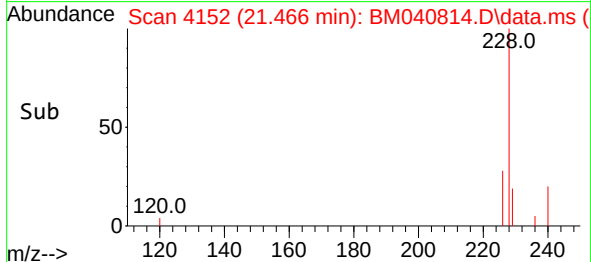
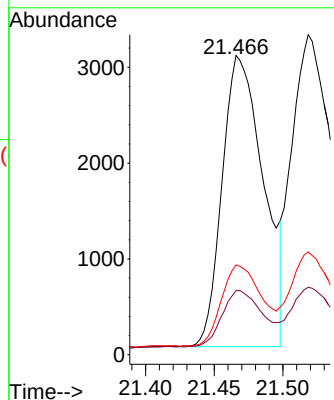
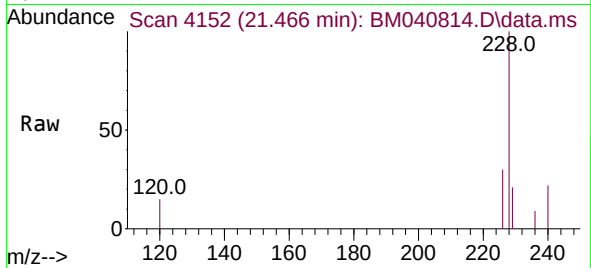




#21
Benzo(a)anthracene
Concen: 0.352 ng/ul
RT: 21.466 min Scan# 4152
Delta R.T. -0.003 min
Lab File: BM040814.D
Acq: 11 Jul 2023 15:59

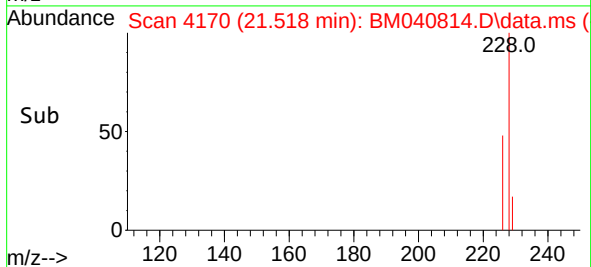
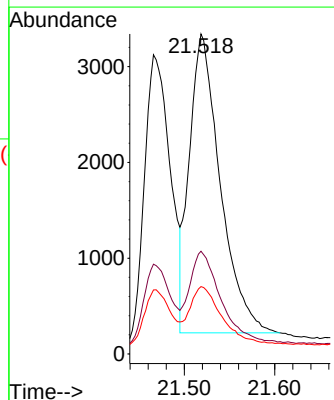
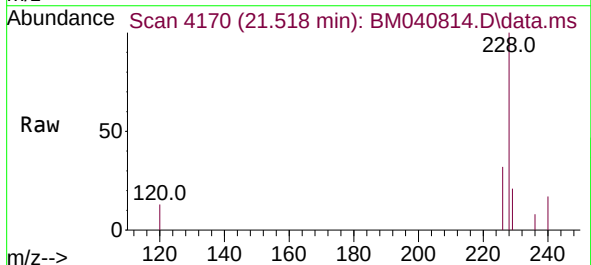
Instrument :
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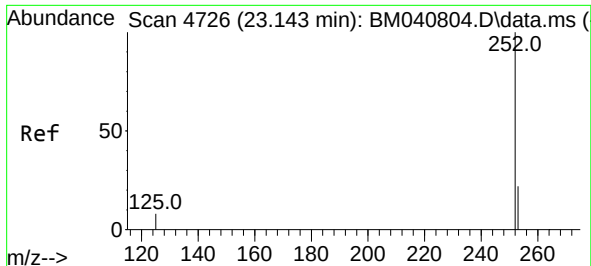
Tgt Ion:228 Resp: 6367
Ion Ratio Lower Upper
228 100
229 21.4 16.0 24.0
226 30.0 22.3 33.5



#22
Chrysene
Concen: 0.359 ng/ul
RT: 21.518 min Scan# 4170
Delta R.T. -0.003 min
Lab File: BM040814.D
Acq: 11 Jul 2023 15:59

Tgt Ion:228 Resp: 7420
Ion Ratio Lower Upper
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226 32.1 24.9 37.3
229 21.0 15.8 23.6

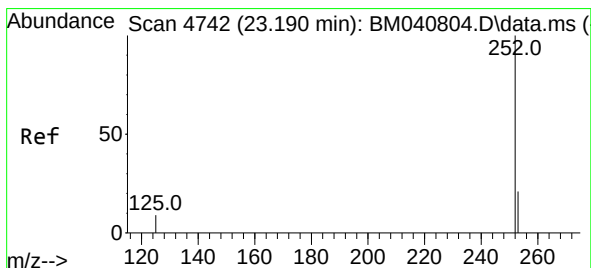
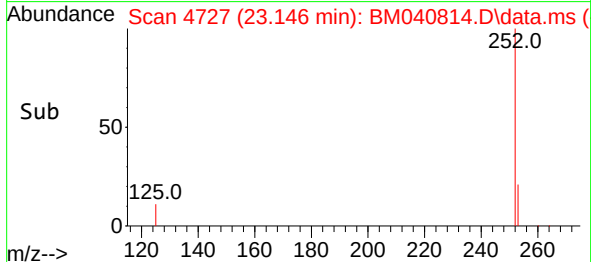
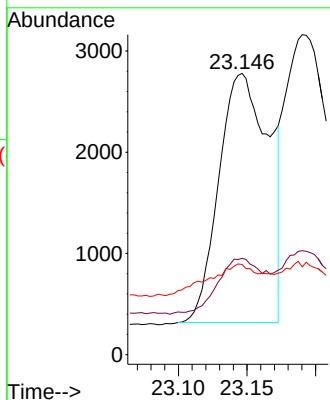
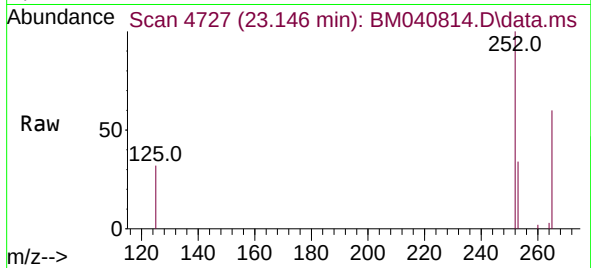




#24
Benzo(b)fluoranthene
Concen: 0.370 ng/ul
RT: 23.146 min Scan# 4727
Delta R.T. -0.003 min
Lab File: BM040814.D
Acq: 11 Jul 2023 15:59

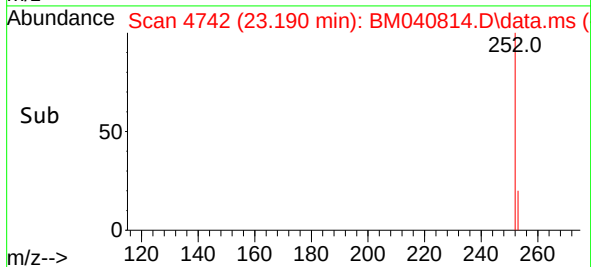
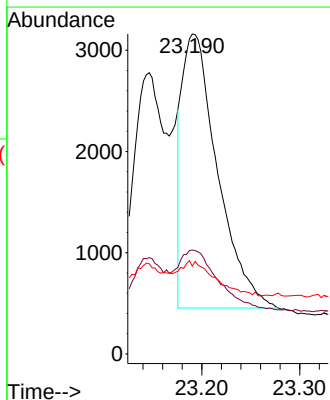
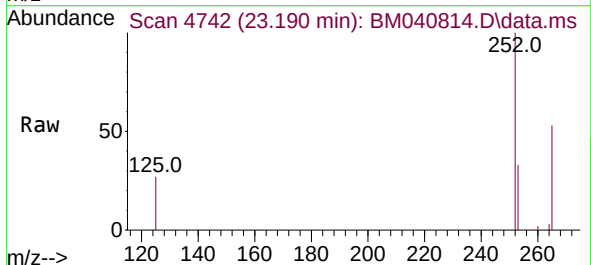
Instrument :
BNA_M
ClientSampleId :
SLCS053

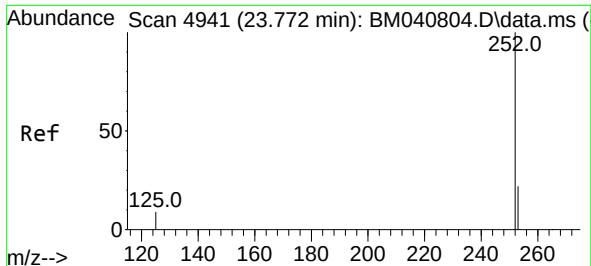
Tgt Ion:252 Resp: 6260
Ion Ratio Lower Upper
252 100
253 34.2 0.0 52.8
125 32.1 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.408 ng/ul
RT: 23.190 min Scan# 4742
Delta R.T. -0.006 min
Lab File: BM040814.D
Acq: 11 Jul 2023 15:59

Tgt Ion:252 Resp: 6812
Ion Ratio Lower Upper
252 100
253 32.5 21.2 31.8#
125 27.5 16.4 24.6#

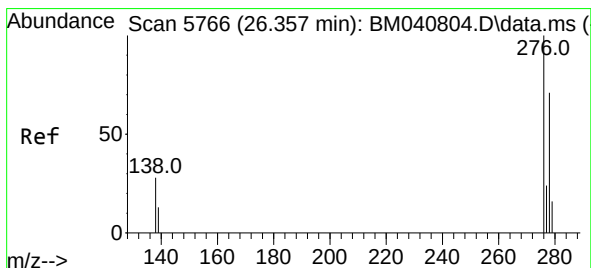
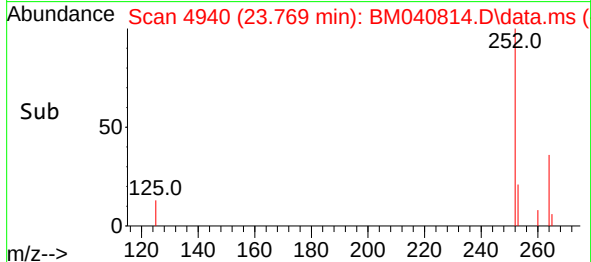
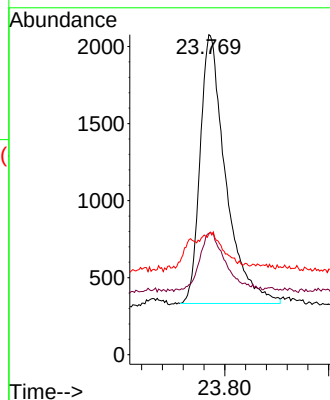
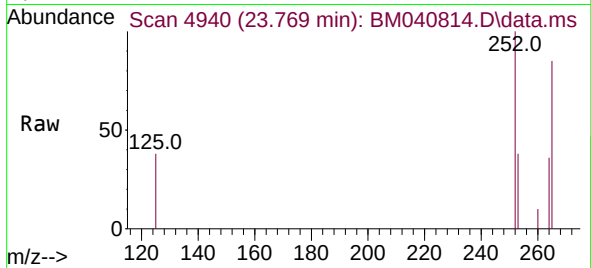




#26
Benzo(a)pyrene
Concen: 0.390 ng/ul
RT: 23.769 min Scan# 4941
Delta R.T. -0.006 min
Lab File: BM040814.D
Acq: 11 Jul 2023 15:59

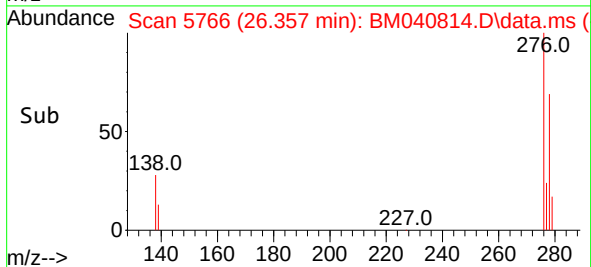
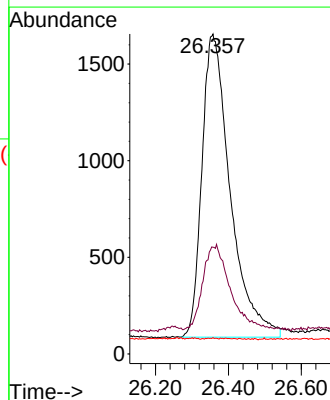
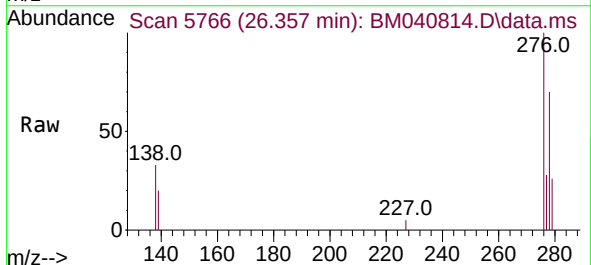
Instrument :
BNA_M
ClientSampleId :
SLCS053

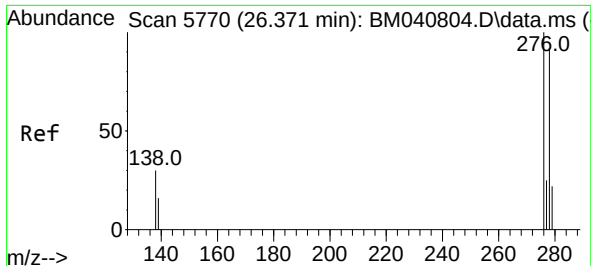
Tgt Ion:252 Resp: 5944
Ion Ratio Lower Upper
252 100
253 37.9 22.9 34.3#
125 37.7 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.398 ng/ul
RT: 26.357 min Scan# 5766
Delta R.T. -0.003 min
Lab File: BM040814.D
Acq: 11 Jul 2023 15:59

Tgt Ion:276 Resp: 8453
Ion Ratio Lower Upper
276 100
138 0.0 24.5 36.7#
227 0.1 0.1 0.1

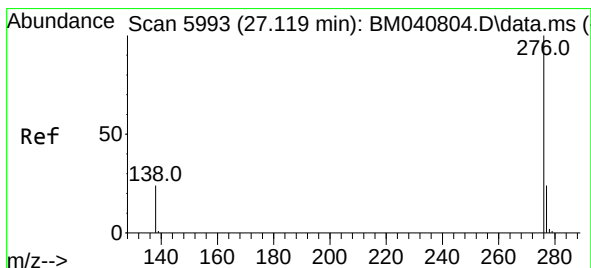
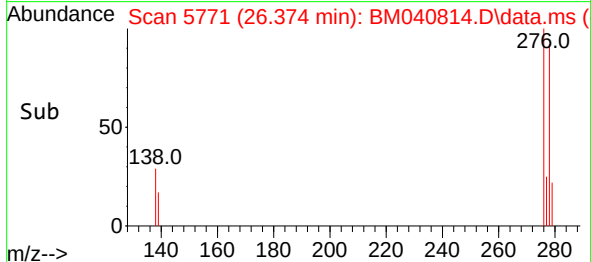
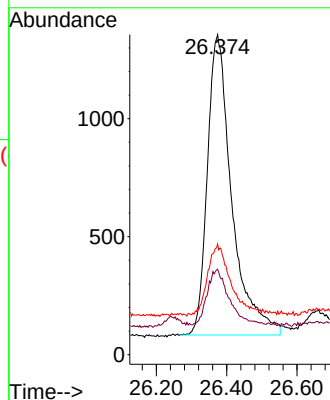
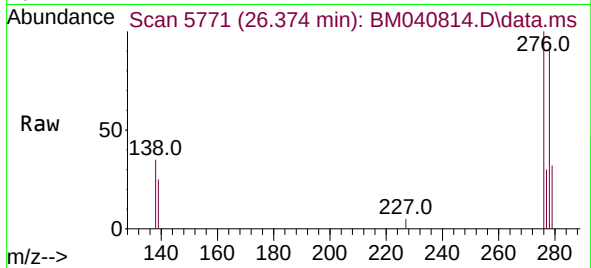




#28
Dibenzo(a,h)anthracene
Concen: 0.370 ng/ul
RT: 26.374 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM040814.D
Acq: 11 Jul 2023 15:59

Instrument :
BNA_M
ClientSampleId :
SLCS053

Tgt Ion:278 Resp: 6149
Ion Ratio Lower Upper
278 100
139 26.7 17.9 26.9
279 34.5 22.0 33.0#



#29
Benzo(g,h,i)perylene
Concen: 0.353 ng/ul
RT: 27.112 min Scan# 5991
Delta R.T. -0.007 min
Lab File: BM040814.D
Acq: 11 Jul 2023 15:59

Tgt Ion:276 Resp: 6578
Ion Ratio Lower Upper
276 100
138 31.4 23.0 34.6
277 28.7 20.3 30.5

