

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061523\
 Data File : BM040274.D
 Acq On : 16 Jun 2023 00:49
 Operator : MA/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4120

Quant Time: Jun 16 01:20:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 00:31:16 2023
 Response via : Initial Calibration

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

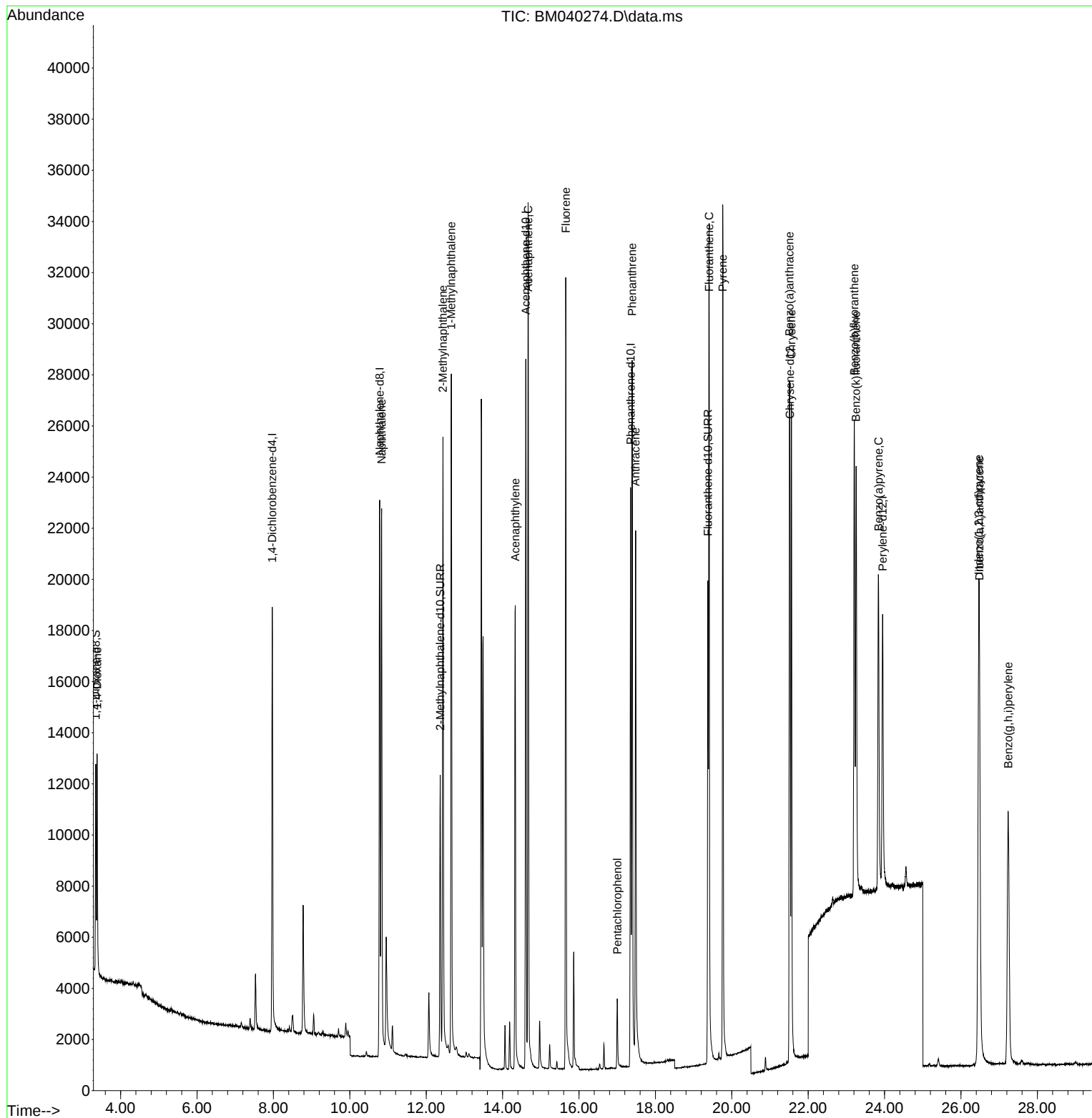
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.970	152	9052	0.400	ng/ul	0.00
4) Naphthalene-d8	10.782	136	31960	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.608	164	15264	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.352	188	28057	0.400	ng/ul	0.00
17) Chrysene-d12	21.525	240	16761	0.400	ng/ul	0.00
23) Perylene-d12	23.948	264	16091	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.350	96	5251	0.470	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.366	152	15684	0.387	ng/ul	0.00
18) Fluoranthene-d10	19.374	212	20968	0.502	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.384	88	5351	0.456	ng/ul#	83
5) Naphthalene	10.832	128	30418	0.402	ng/ul	100
7) 2-Methylnaphthalene	12.437	142	18567	0.395	ng/ul	99
8) 1-Methylnaphthalene	12.657	142	18893	0.383	ng/ul	99
10) Acenaphthylene	14.331	152	22542	0.422	ng/ul	100
11) Acenaphthene	14.668	153	19648	0.429	ng/ul	98
12) Fluorene	15.654	166	20996	0.412	ng/ul	99
14) Pentachlorophenol	17.002	266	2005	0.350	ng/ul	99
15) Phenanthrene	17.390	178	30362	0.412	ng/ul	99
16) Anthracene	17.483	178	25418	0.407	ng/ul	99
19) Fluoranthene	19.406	202	28327	0.496	ng/ul	99
20) Pyrene	19.764	202	29001	0.489	ng/ul	95
21) Benzo(a)anthracene	21.510	228	21060	0.426	ng/ul	100
22) Chrysene	21.560	228	23264	0.445	ng/ul	100
24) Benzo(b)fluoranthene	23.209	252	24305	0.410	ng/ul	95
25) Benzo(k)fluoranthene	23.255	252	23664	0.424	ng/ul#	96
26) Benzo(a)pyrene	23.840	252	20190	0.415	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.463	276	26541	0.431	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.483	278	21241	0.429	ng/ul	97
29) Benzo(g,h,i)perylene	27.237	276	22817	0.443	ng/ul	98

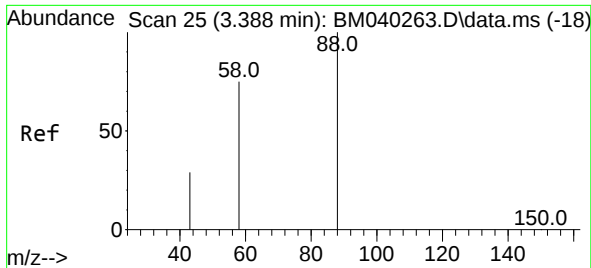
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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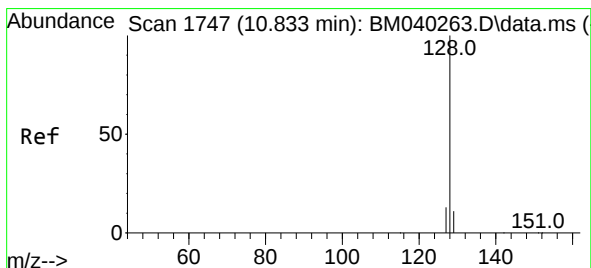
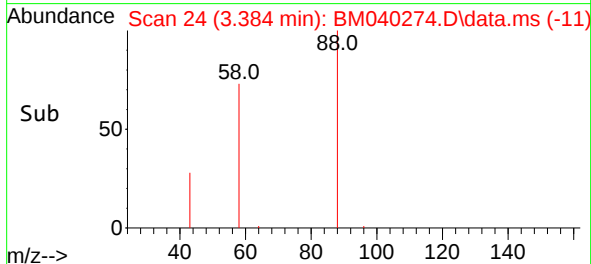
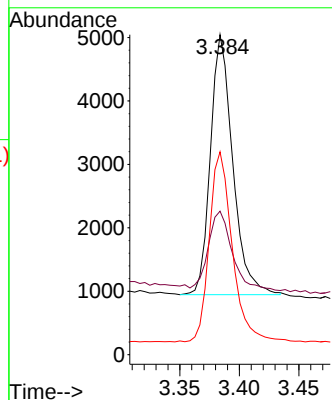
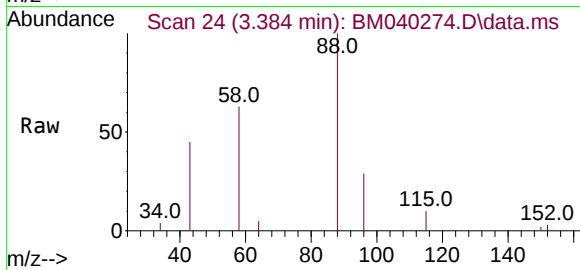




#2
1,4-Dioxane
Concen: 0.456 ng/ul
RT: 3.384 min Scan# 24
Delta R.T. -0.004 min
Lab File: BM040274.D
Acq: 16 Jun 2023 00:49

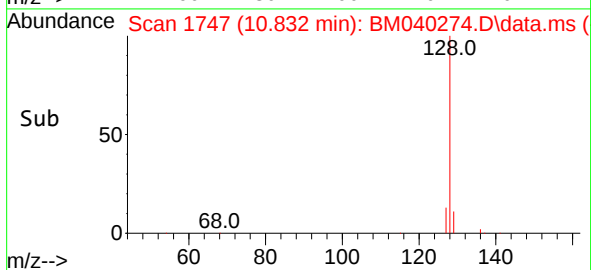
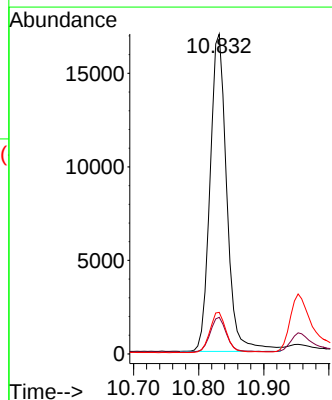
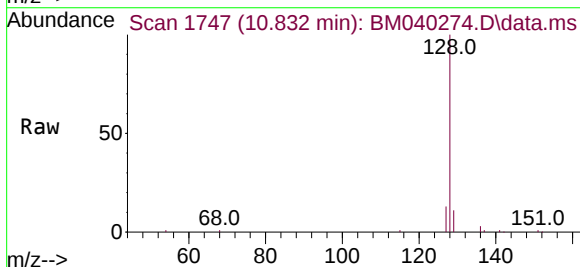
Instrument :
BNA_M
ClientSampleId :
SSTD0.4120

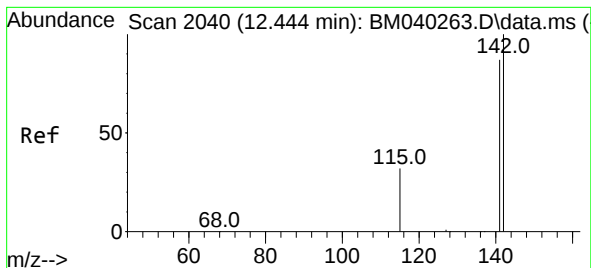
Tgt Ion: 88 Resp: 5351
Ion Ratio Lower Upper
88 100
43 44.9 30.3 45.5
58 63.4 38.8 58.2#



#5
Naphthalene
Concen: 0.402 ng/ul
RT: 10.832 min Scan# 1747
Delta R.T. -0.001 min
Lab File: BM040274.D
Acq: 16 Jun 2023 00:49

Tgt Ion: 128 Resp: 30418
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.0 10.4 15.6

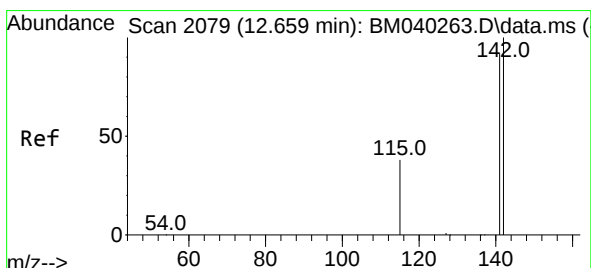
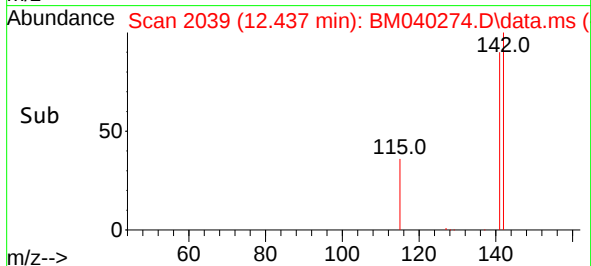
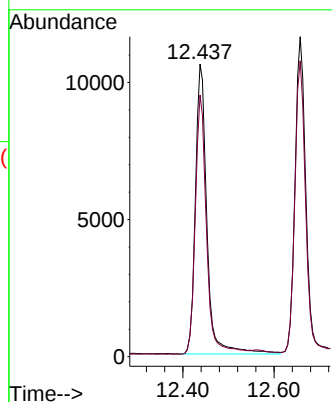
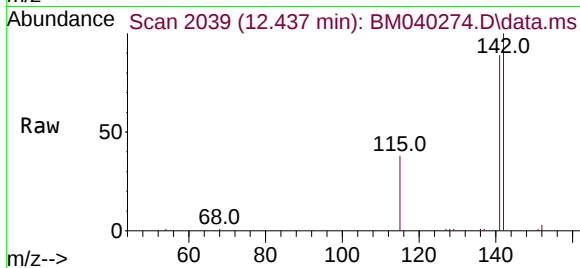




#7
2-Methylnaphthalene
Concen: 0.395 ng/ul
RT: 12.437 min Scan# 2040
Delta R.T. -0.007 min
Lab File: BM040274.D
Acq: 16 Jun 2023 00:49

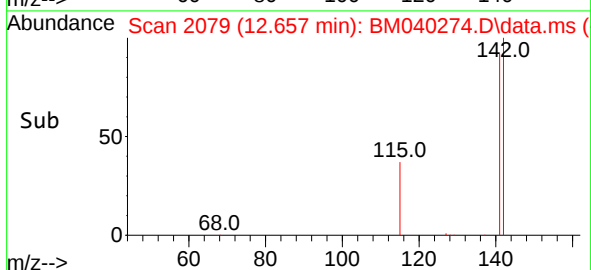
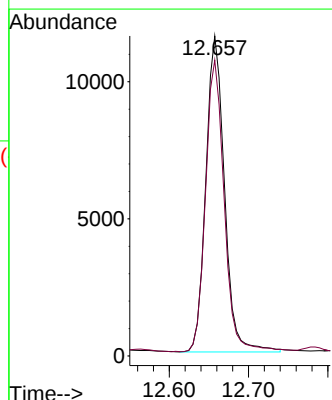
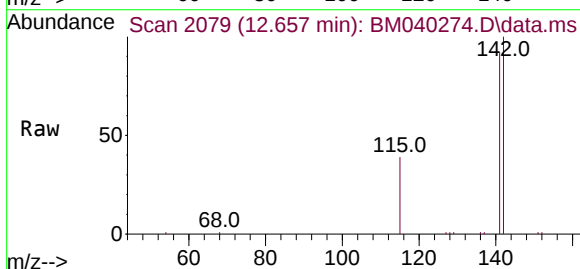
Instrument :
BNA_M
ClientSampleId :
SSTD0.4120

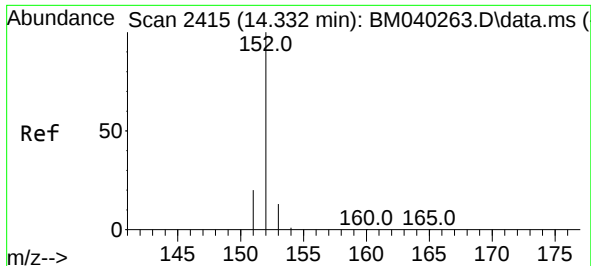
Tgt Ion:142 Resp: 18567
Ion Ratio Lower Upper
142 100
141 87.3 70.6 106.0



#8
1-Methylnaphthalene
Concen: 0.383 ng/ul
RT: 12.657 min Scan# 2079
Delta R.T. -0.007 min
Lab File: BM040274.D
Acq: 16 Jun 2023 00:49

Tgt Ion:142 Resp: 18893
Ion Ratio Lower Upper
142 100
141 92.1 73.0 109.4

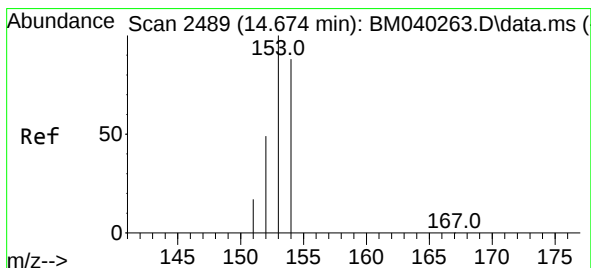
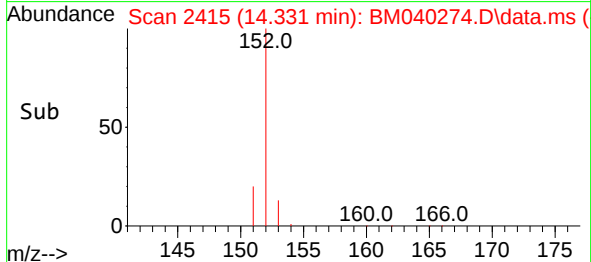
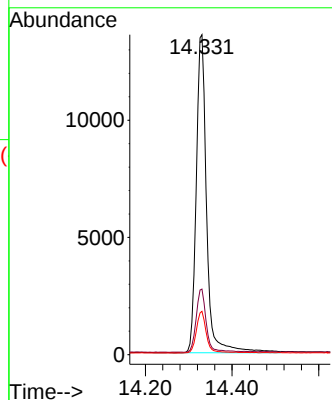
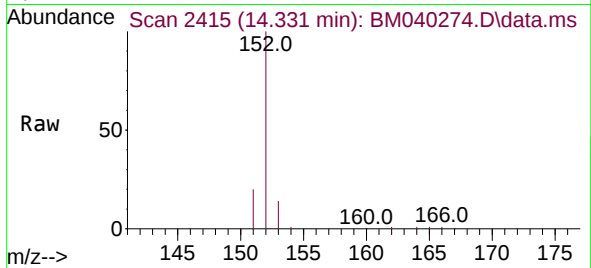




#10
Acenaphthylene
Concen: 0.422 ng/ul
RT: 14.331 min Scan# 2415
Delta R.T. -0.001 min
Lab File: BM040274.D
Acq: 16 Jun 2023 00:49

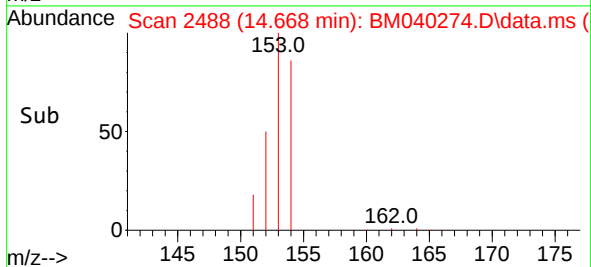
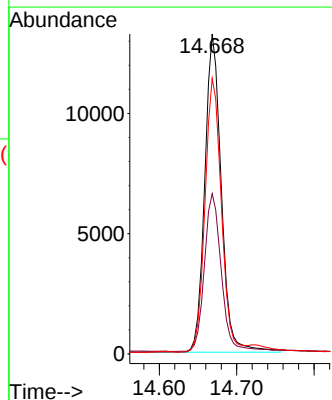
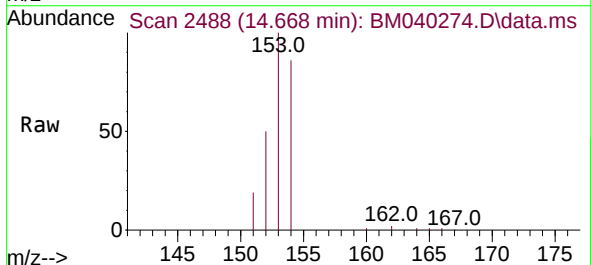
Instrument :
BNA_M
ClientSampleId :
SSTD0.4120

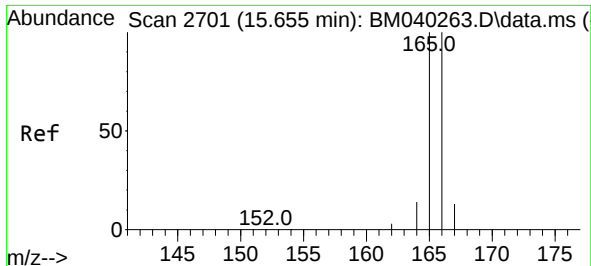
Tgt Ion:152 Resp: 22542
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.5 10.7 16.1



#11
Acenaphthene
Concen: 0.429 ng/ul
RT: 14.668 min Scan# 2488
Delta R.T. -0.006 min
Lab File: BM040274.D
Acq: 16 Jun 2023 00:49

Tgt Ion:153 Resp: 19648
Ion Ratio Lower Upper
153 100
152 50.1 40.3 60.5
154 86.1 70.5 105.7

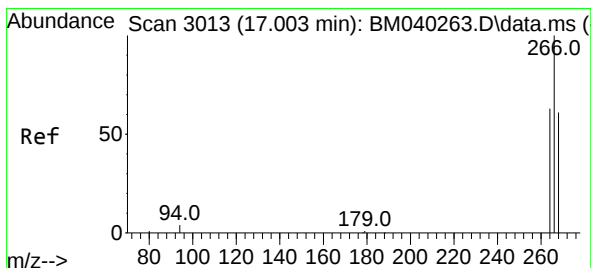
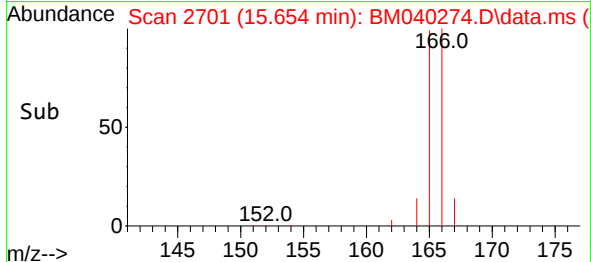
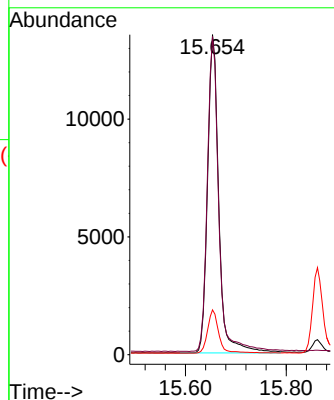
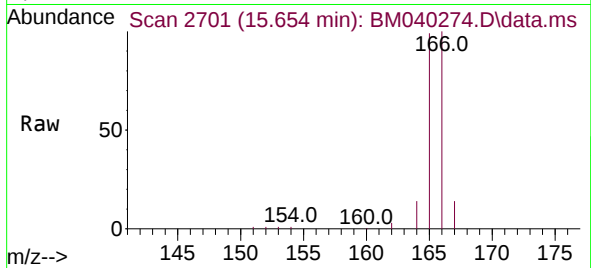




#12
Fluorene
Concen: 0.412 ng/ul
RT: 15.654 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM040274.D
Acq: 16 Jun 2023 00:49

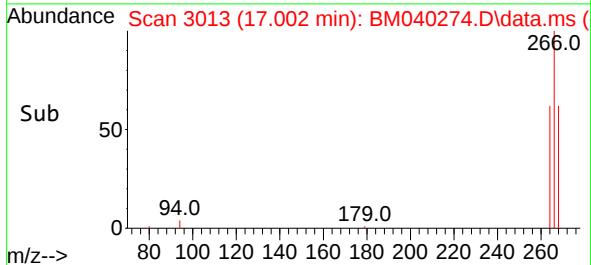
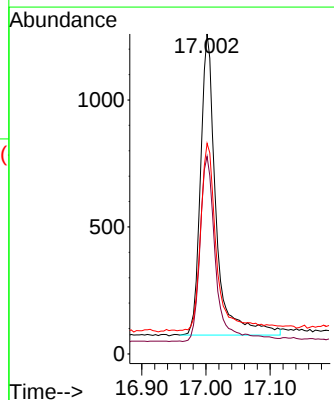
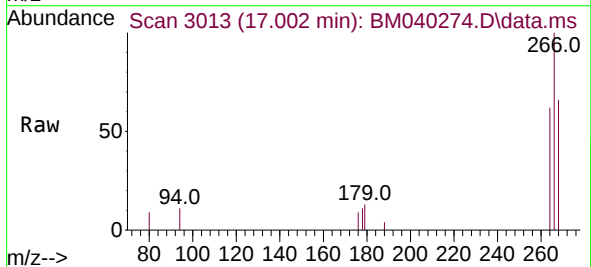
Instrument :
BNA_M
ClientSampleId :
SSTD0.4120

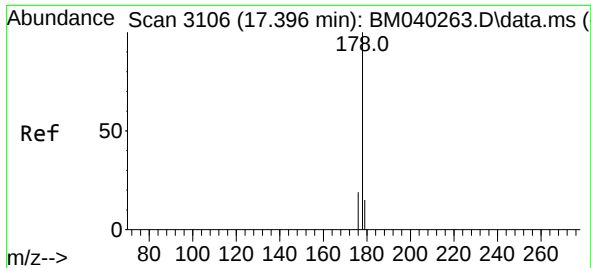
Tgt Ion:166 Resp: 20996
Ion Ratio Lower Upper
166 100
165 99.4 78.2 117.4
167 14.0 11.0 16.4



#14
Pentachlorophenol
Concen: 0.350 ng/ul
RT: 17.002 min Scan# 3013
Delta R.T. -0.006 min
Lab File: BM040274.D
Acq: 16 Jun 2023 00:49

Tgt Ion:266 Resp: 2005
Ion Ratio Lower Upper
266 100
264 62.6 49.4 74.0
268 65.2 51.3 76.9

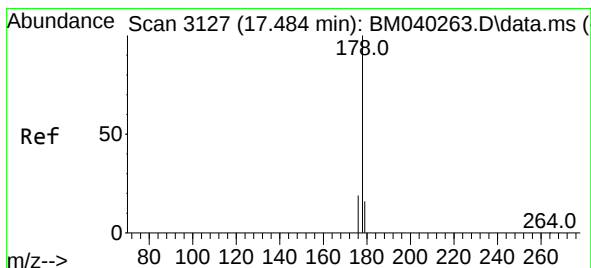
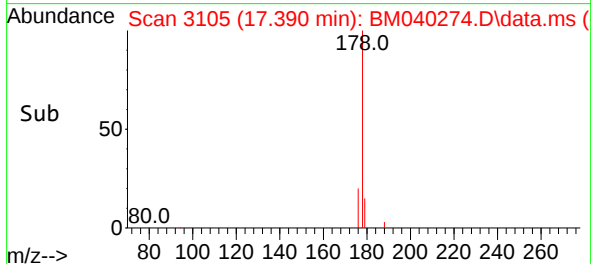
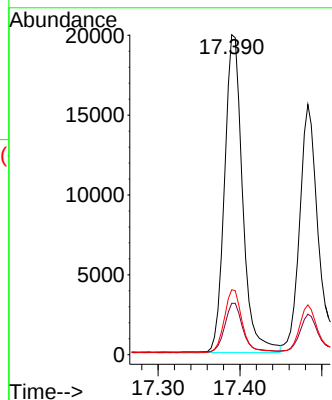
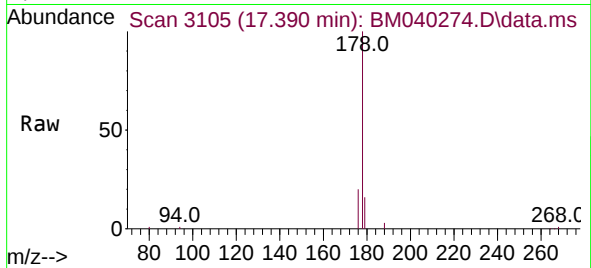




#15
Phenanthrene
Concen: 0.412 ng/ul
RT: 17.390 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM040274.D
Acq: 16 Jun 2023 00:49

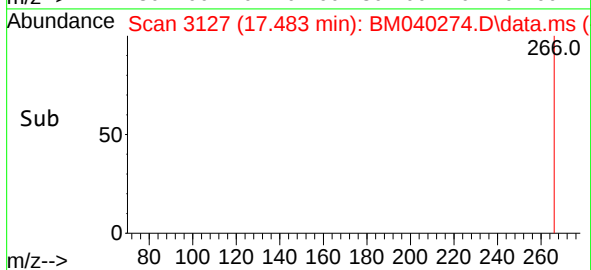
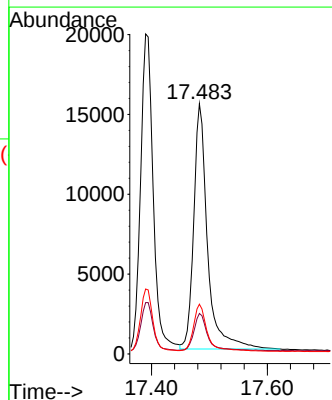
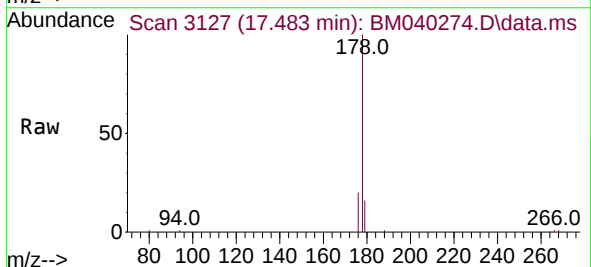
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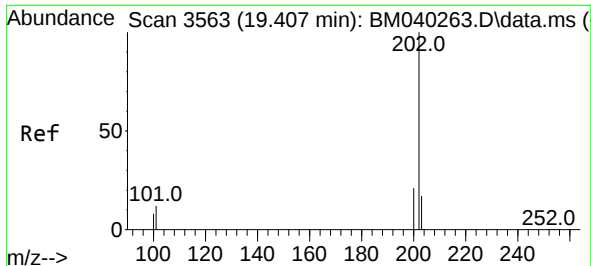
Tgt Ion:178 Resp: 30362
Ion Ratio Lower Upper
178 100
179 16.1 12.6 19.0
176 20.3 16.1 24.1



#16
Anthracene
Concen: 0.407 ng/ul
RT: 17.483 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BM040274.D
Acq: 16 Jun 2023 00:49

Tgt Ion:178 Resp: 25418
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.4
176 19.9 15.5 23.3

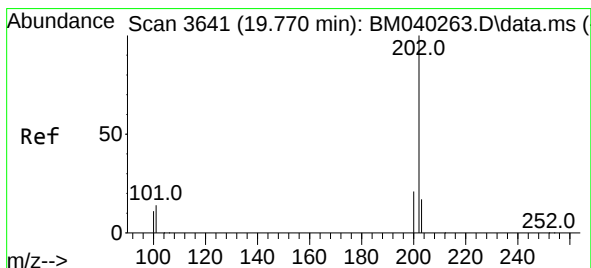
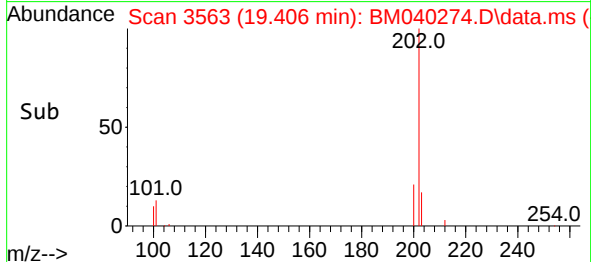
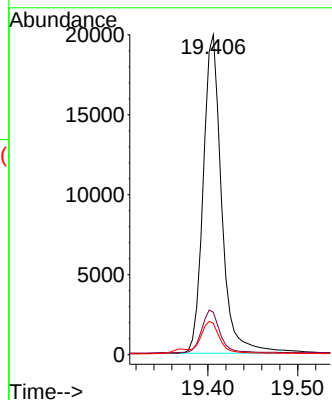
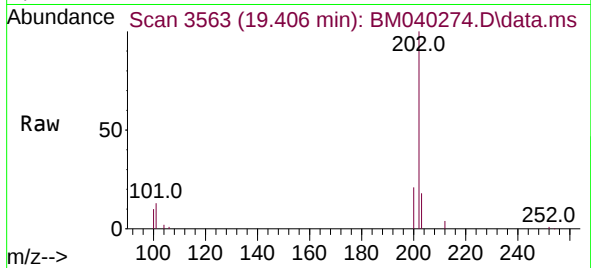




#19
Fluoranthene
Concen: 0.496 ng/ul
RT: 19.406 min Scan# 3563
Delta R.T. -0.001 min
Lab File: BM040274.D
Acq: 16 Jun 2023 00:49

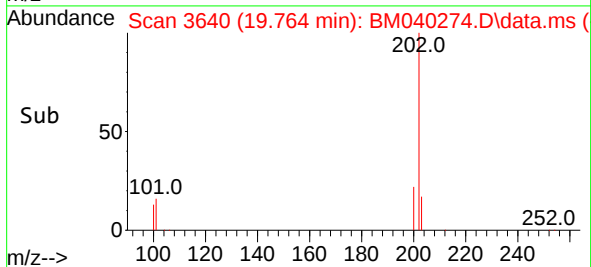
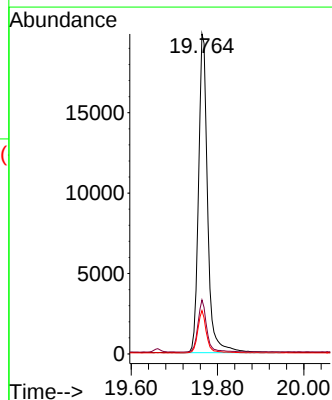
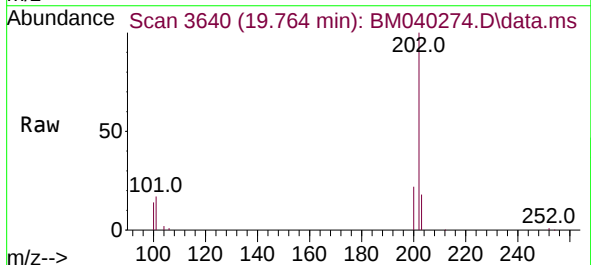
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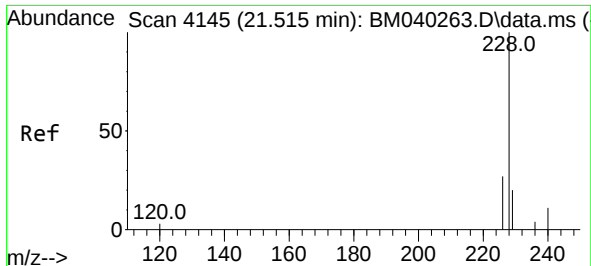
Tgt Ion:202 Resp: 28327
Ion Ratio Lower Upper
202 100
101 13.2 10.2 15.4
100 9.8 7.6 11.4



#20
Pyrene
Concen: 0.489 ng/ul
RT: 19.764 min Scan# 3640
Delta R.T. -0.006 min
Lab File: BM040274.D
Acq: 16 Jun 2023 00:49

Tgt Ion:202 Resp: 29001
Ion Ratio Lower Upper
202 100
101 16.9 11.8 17.8
100 13.6 9.3 13.9

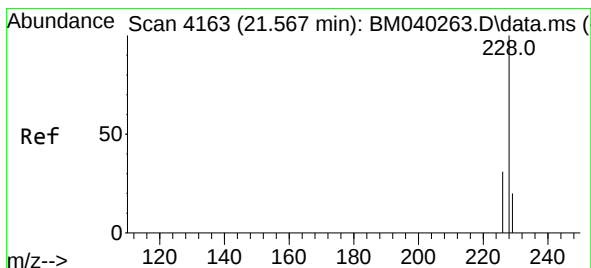
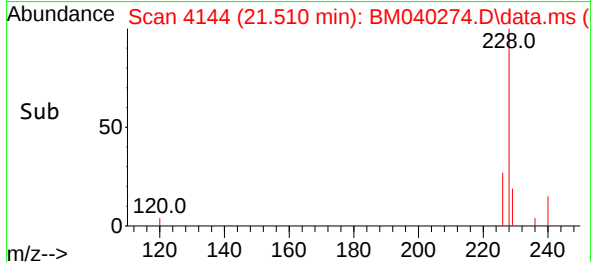
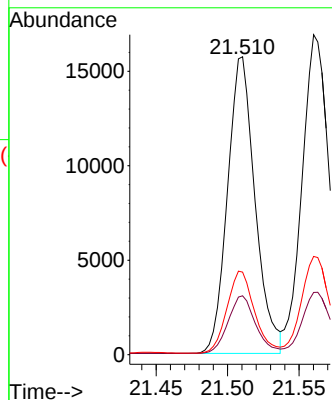
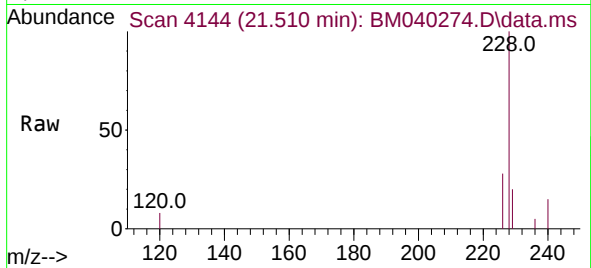




#21
Benzo(a)anthracene
Concen: 0.426 ng/ul
RT: 21.510 min Scan# 411
Delta R.T. -0.004 min
Lab File: BM040274.D
Acq: 16 Jun 2023 00:49

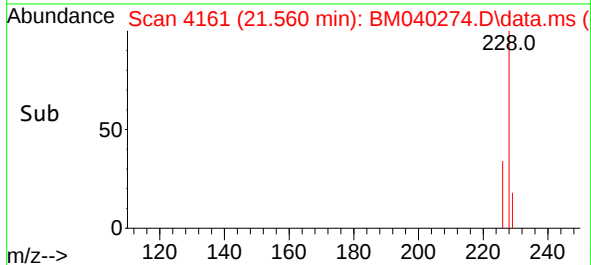
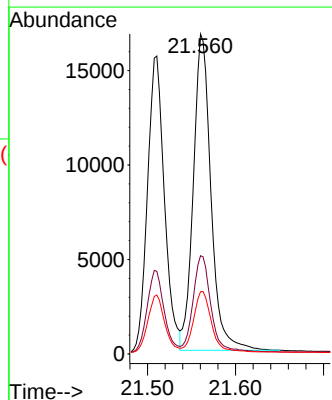
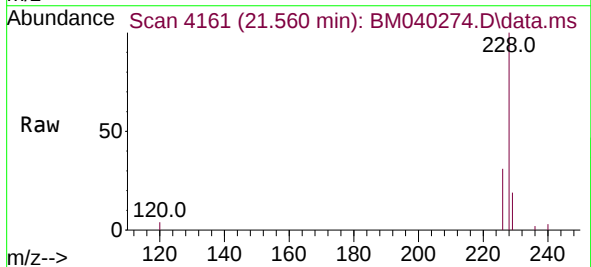
Instrument :
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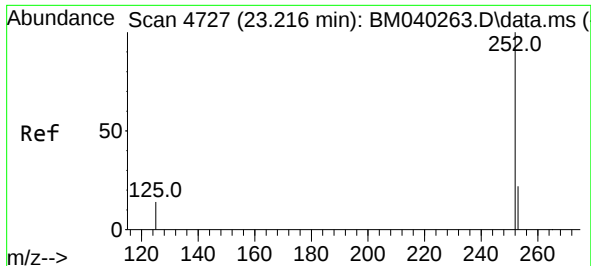
Tgt Ion:228 Resp: 21060
Ion Ratio Lower Upper
228 100
229 19.7 15.8 23.8
226 27.7 22.0 33.0



#22
Chrysene
Concen: 0.445 ng/ul
RT: 21.560 min Scan# 4161
Delta R.T. -0.010 min
Lab File: BM040274.D
Acq: 16 Jun 2023 00:49

Tgt Ion:228 Resp: 23264
Ion Ratio Lower Upper
228 100
226 30.7 24.3 36.5
229 19.4 15.7 23.5

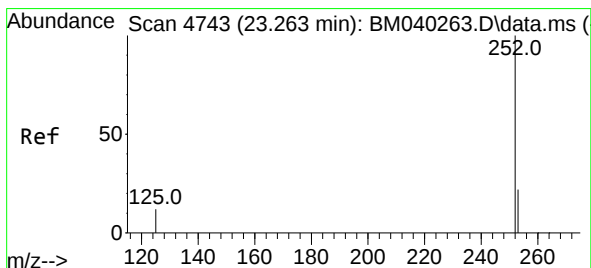
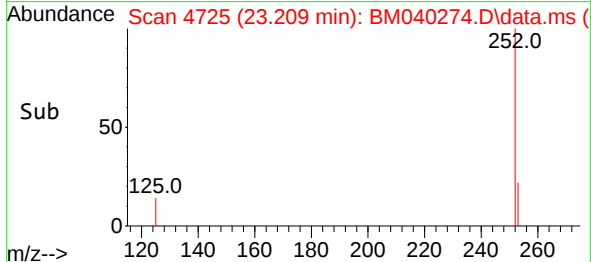
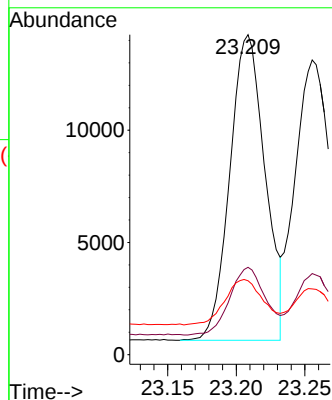
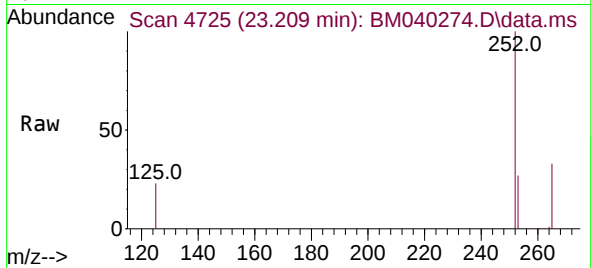




#24
Benzo(b)fluoranthene
Concen: 0.410 ng/ul
RT: 23.209 min Scan# 4725
Delta R.T. -0.007 min
Lab File: BM040274.D
Acq: 16 Jun 2023 00:49

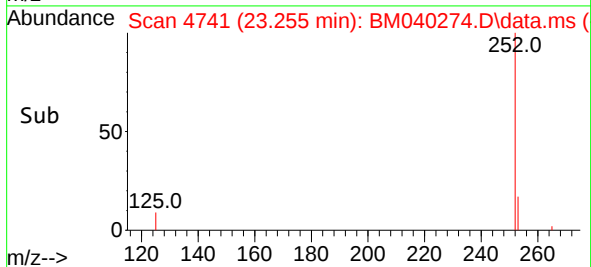
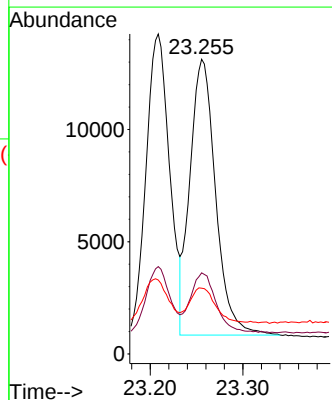
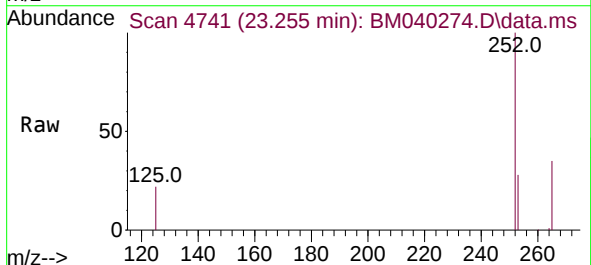
Instrument :
BNA_M
ClientSampleId :
SSTD0.4120

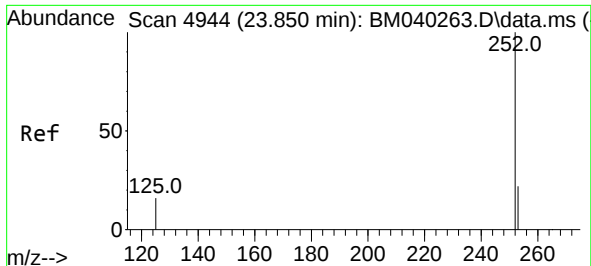
Tgt Ion:252 Resp: 24305
Ion Ratio Lower Upper
252 100
253 27.3 0.0 52.4
125 23.1 0.0 38.4



#25
Benzo(k)fluoranthene
Concen: 0.424 ng/ul
RT: 23.255 min Scan# 4741
Delta R.T. -0.010 min
Lab File: BM040274.D
Acq: 16 Jun 2023 00:49

Tgt Ion:252 Resp: 23664
Ion Ratio Lower Upper
252 100
253 27.5 21.5 32.3
125 22.3 14.7 22.1#

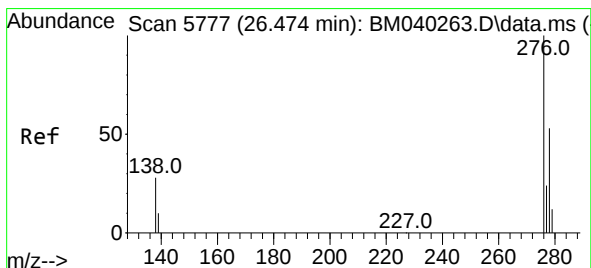
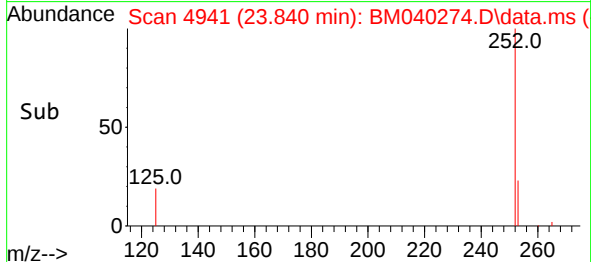
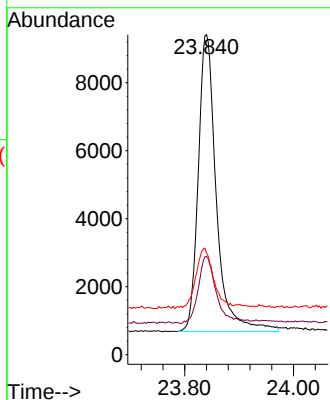
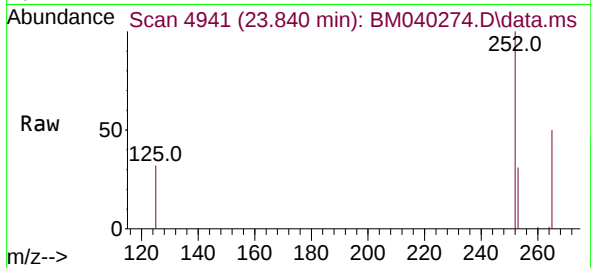




#26
Benzo(a)pyrene
Concen: 0.415 ng/ul
RT: 23.840 min Scan# 4944
Delta R.T. -0.010 min
Lab File: BM040274.D
Acq: 16 Jun 2023 00:49

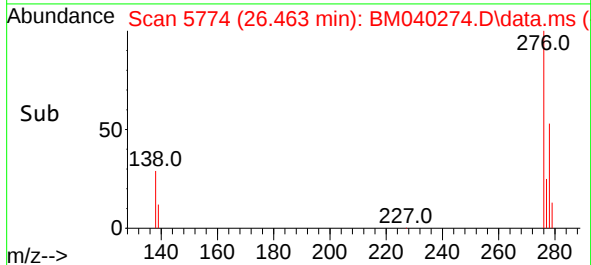
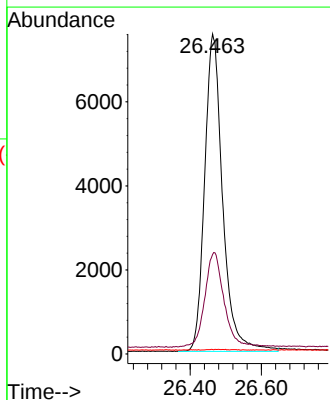
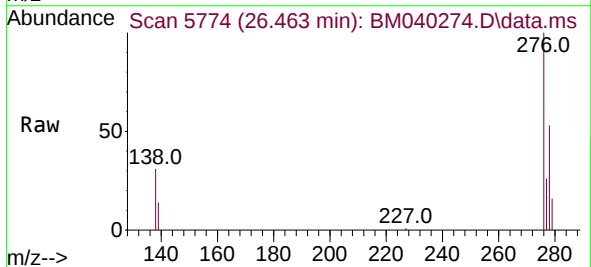
Instrument :
BNA_M
ClientSampleId :
SSTD0.4120

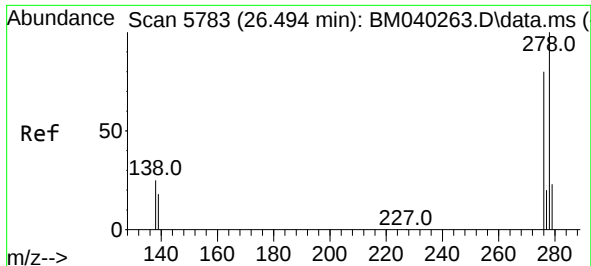
Tgt Ion:252 Resp: 20190
Ion Ratio Lower Upper
252 100
253 30.7 23.4 35.0
125 31.7 19.7 29.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.431 ng/ul
RT: 26.463 min Scan# 5774
Delta R.T. -0.015 min
Lab File: BM040274.D
Acq: 16 Jun 2023 00:49

Tgt Ion:276 Resp: 26541
Ion Ratio Lower Upper
276 100
138 31.6 23.3 34.9
227 0.1 0.1 0.1#

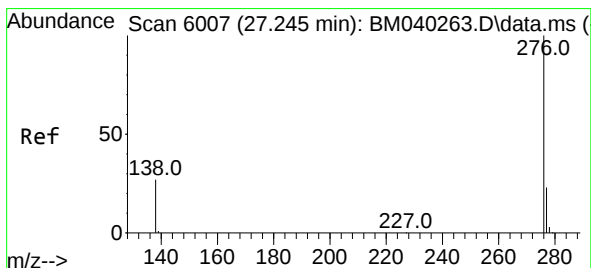
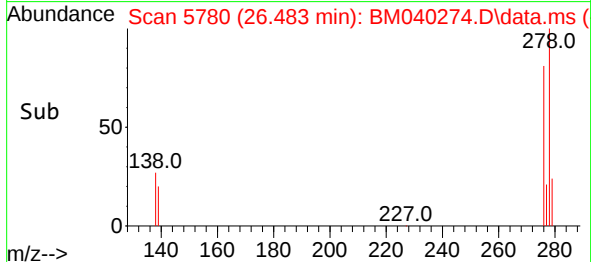
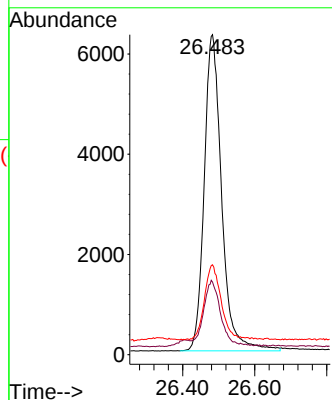
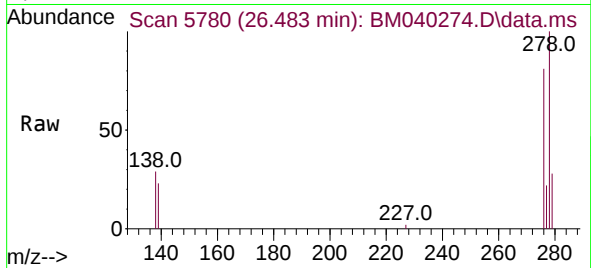




#28
Dibenzo(a,h)anthracene
Concen: 0.429 ng/ul
RT: 26.483 min Scan# 51
Delta R.T. -0.015 min
Lab File: BM040274.D
Acq: 16 Jun 2023 00:49

Instrument :
BNA_M
ClientSampleId :
SSTD0.4120

Tgt Ion:278 Resp: 21241
Ion Ratio Lower Upper
278 100
139 22.7 16.4 24.6
279 28.1 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.443 ng/ul
RT: 27.237 min Scan# 6005
Delta R.T. -0.018 min
Lab File: BM040274.D
Acq: 16 Jun 2023 00:49

Tgt Ion:276 Resp: 22817
Ion Ratio Lower Upper
276 100
138 27.8 21.0 31.4
277 25.3 19.6 29.4

