

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070823\
 Data File : BM040745.D
 Acq On : 08 Jul 2023 18:31
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4163

Quant Time: Jul 08 22:59:29 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 08 22:50:20 2023
 Response via : Initial Calibration

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

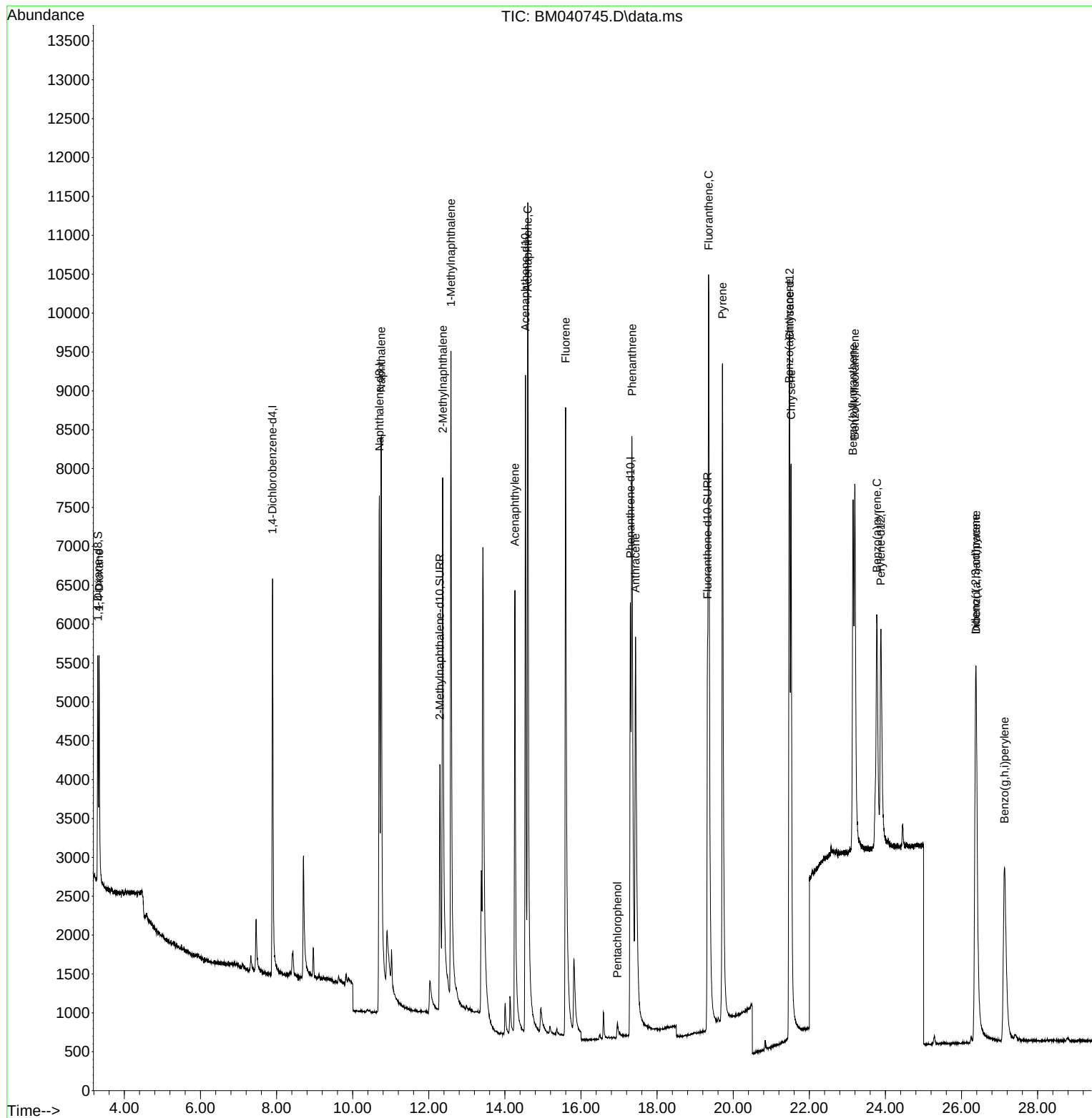
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.895	152	3287	0.400	ng/ul	0.00
4) Naphthalene-d8	10.702	136	12841	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.541	164	6066	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.299	188	11024	0.400	ng/ul	0.00
17) Chrysene-d12	21.483	240	6800	0.400	ng/ul	0.00
23) Perylene-d12	23.880	264	5515	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	2165	0.419	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.291	152	6968	0.387	ng/ul	0.00
18) Fluoranthene-d10	19.324	212	9534	0.437	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.339	88	1862	0.354	ng/ul	94
5) Naphthalene	10.752	128	13375	0.378	ng/ul	98
7) 2-Methylnaphthalene	12.368	142	7905	0.380	ng/ul	98
8) 1-Methylnaphthalene	12.583	142	7419	0.357	ng/ul	97
10) Acenaphthylene	14.264	152	9951	0.367	ng/ul	97
11) Acenaphthene	14.601	153	8511	0.372	ng/ul	96
12) Fluorene	15.596	166	9085	0.372	ng/ul	100
14) Pentachlorophenol	16.957	266	298	0.140	ng/ul	97
15) Phenanthrene	17.341	178	12149	0.355	ng/ul	99
16) Anthracene	17.434	178	10878	0.378	ng/ul	97
19) Fluoranthene	19.357	202	11942	0.413	ng/ul	99
20) Pyrene	19.719	202	12445	0.402	ng/ul	98
21) Benzo(a)anthracene	21.469	228	8071	0.351	ng/ul	98
22) Chrysene	21.521	228	9150	0.349	ng/ul	98
24) Benzo(b)fluoranthene	23.149	252	8339	0.391	ng/ul	92
25) Benzo(k)fluoranthene	23.196	252	8097	0.385	ng/ul#	91
26) Benzo(a)pyrene	23.775	252	6871	0.357	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.371	276	8992	0.336	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.384	278	7081	0.338	ng/ul	95
29) Benzo(g,h,i)perylene	27.129	276	8064	0.344	ng/ul	97

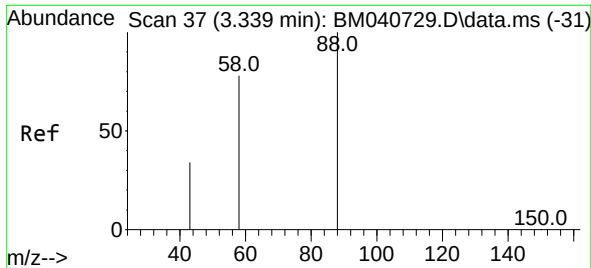
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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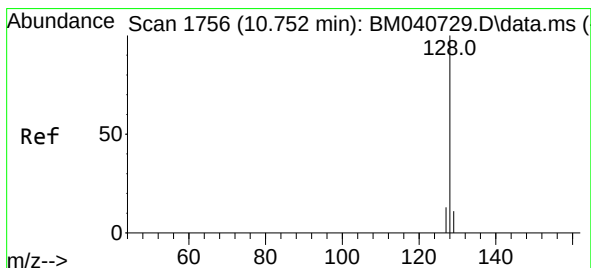
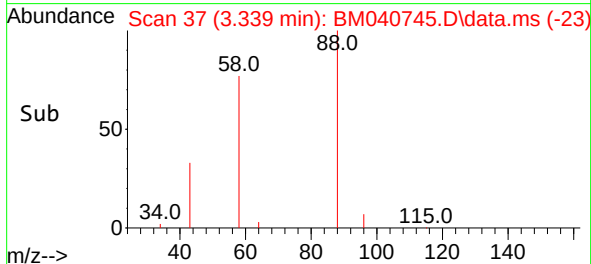
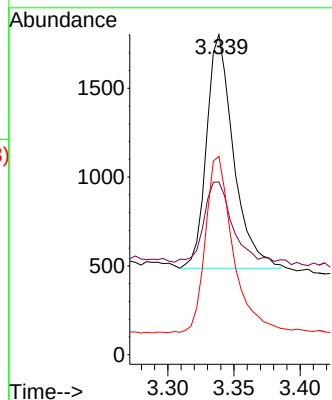
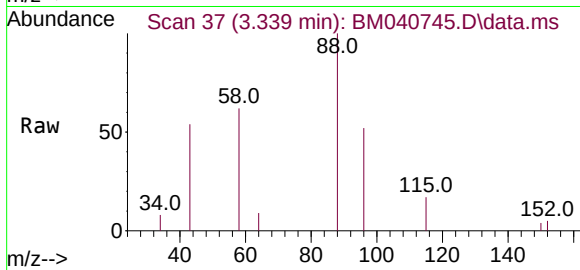




#2
 1,4-Dioxane
 Concen: 0.354 ng/ul
 RT: 3.339 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BM040745.D
 Acq: 08 Jul 2023 18:31

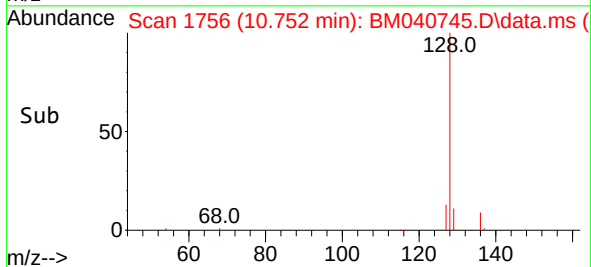
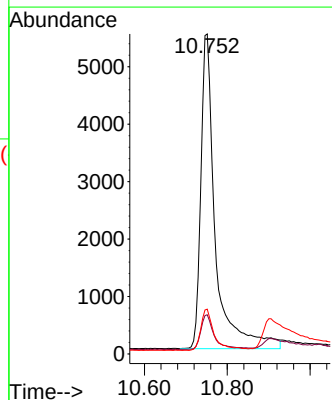
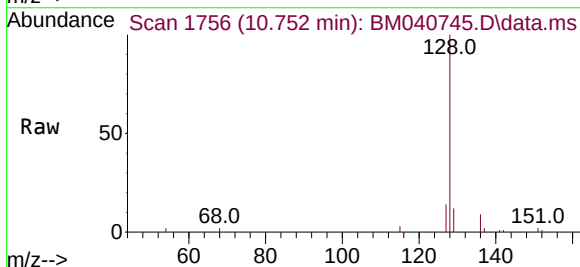
Instrument :
 BNA_M
 ClientSampleId :
 SST0.4163

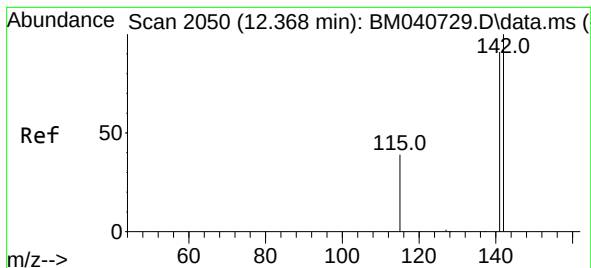
Tgt Ion: 88 Resp: 1862
 Ion Ratio Lower Upper
 88 100
 43 53.9 36.1 54.1
 58 62.0 49.8 74.8



#5
 Naphthalene
 Concen: 0.378 ng/ul
 RT: 10.752 min Scan# 1756
 Delta R.T. -0.000 min
 Lab File: BM040745.D
 Acq: 08 Jul 2023 18:31

Tgt Ion: 128 Resp: 13375
 Ion Ratio Lower Upper
 128 100
 129 12.3 9.2 13.8
 127 14.0 10.6 15.8

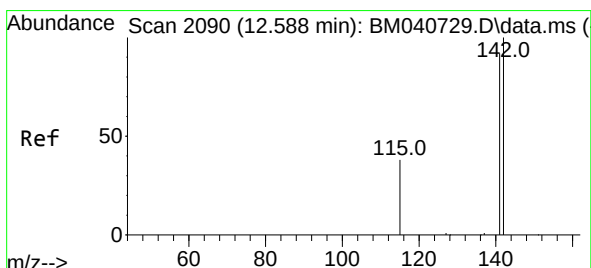
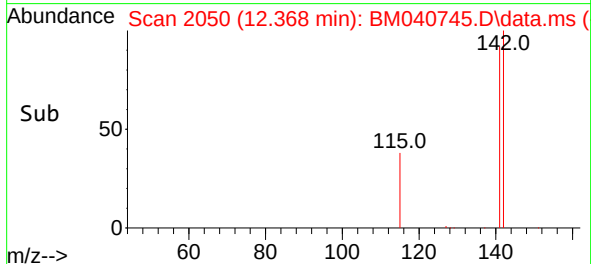
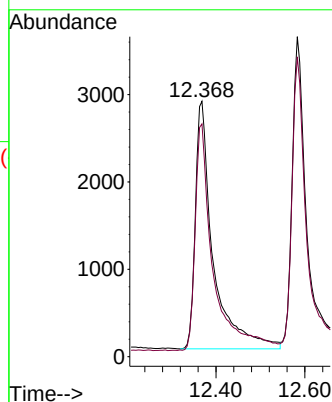
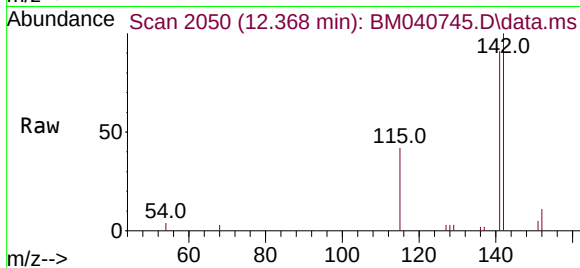




#7
2-Methylnaphthalene
Concen: 0.380 ng/ul
RT: 12.368 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BM040745.D
Acq: 08 Jul 2023 18:31

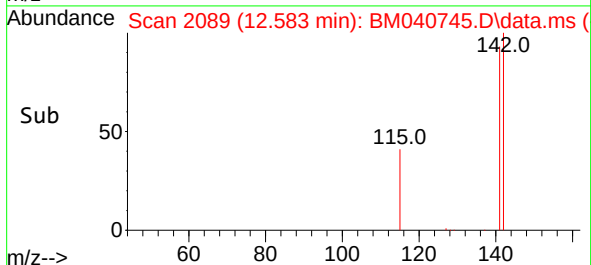
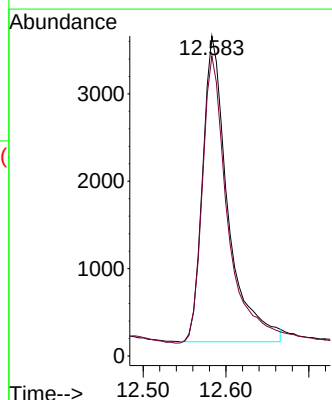
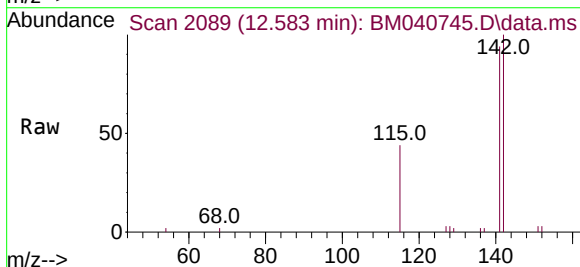
Instrument :
BNA_M
ClientSampleId :
SSTD0.4163

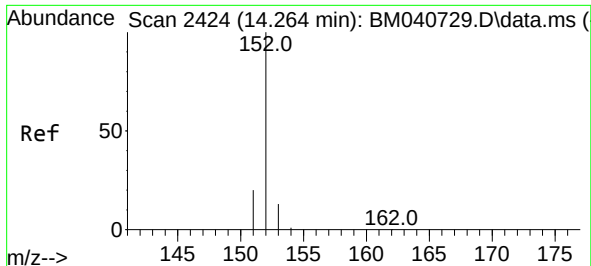
Tgt Ion:142 Resp: 7905
Ion Ratio Lower Upper
142 100
141 92.2 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.357 ng/ul
RT: 12.583 min Scan# 2089
Delta R.T. -0.006 min
Lab File: BM040745.D
Acq: 08 Jul 2023 18:31

Tgt Ion:142 Resp: 7419
Ion Ratio Lower Upper
142 100
141 94.6 73.7 110.5

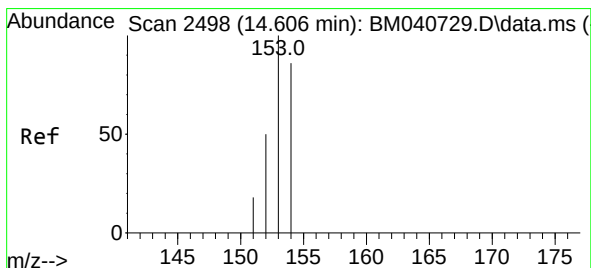
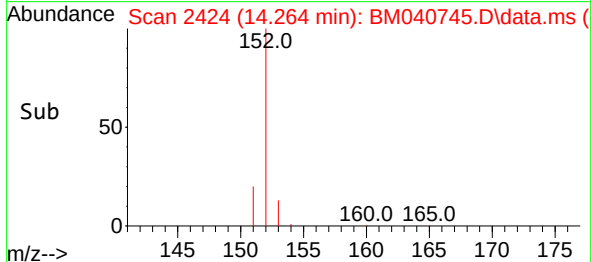
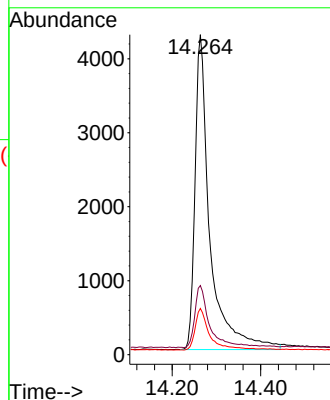
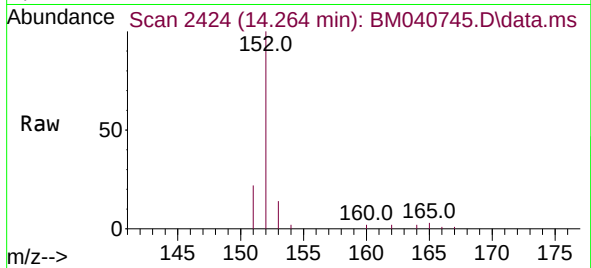




#10
Acenaphthylene
Concen: 0.367 ng/ul
RT: 14.264 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BM040745.D
Acq: 08 Jul 2023 18:31

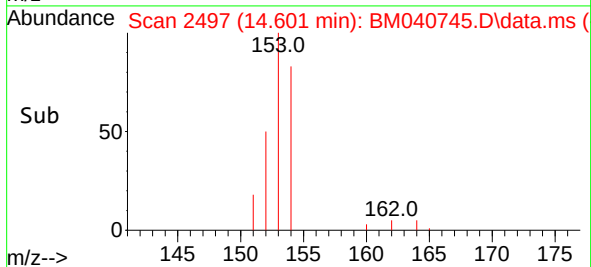
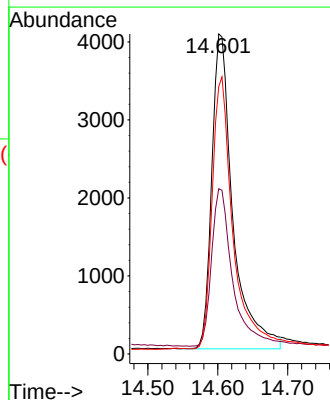
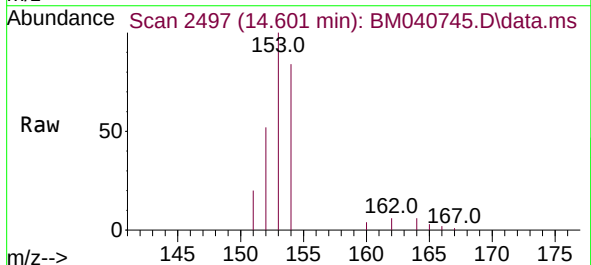
Instrument :
BNA_M
ClientSampleId :
SSTD0.4163

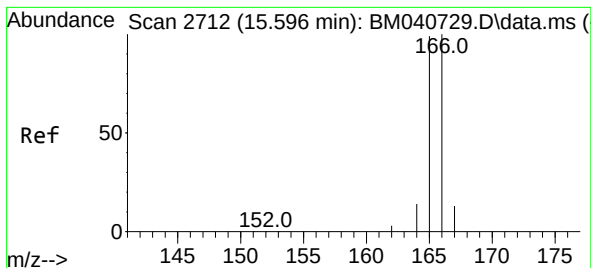
Tgt Ion:	152	Resp:	9951
Ion Ratio	Lower	Upper	
152	100		
151	21.6	16.2	24.2
153	14.4	10.9	16.3



#11
Acenaphthene
Concen: 0.372 ng/ul
RT: 14.601 min Scan# 2497
Delta R.T. -0.005 min
Lab File: BM040745.D
Acq: 08 Jul 2023 18:31

Tgt Ion:	153	Resp:	8511
Ion Ratio	Lower	Upper	
153	100		
152	51.7	41.0	61.4
154	83.5	70.8	106.2





#12

Fluorene

Concen: 0.372 ng/ul

RT: 15.596 min Scan# 2712

Delta R.T. -0.000 min

Lab File: BM040745.D

Acq: 08 Jul 2023 18:31

Instrument :

BNA_M

ClientSampleId :

SSTD0.4163

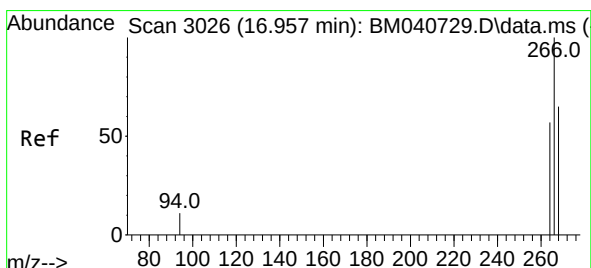
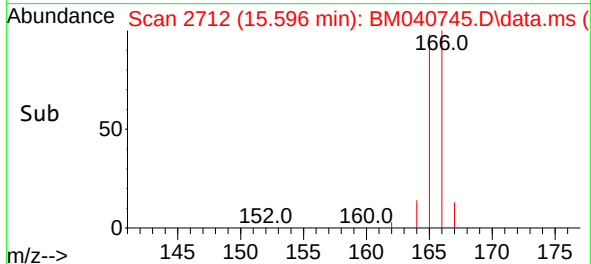
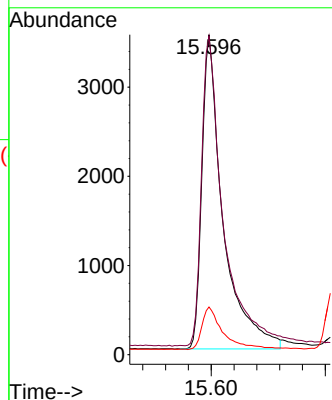
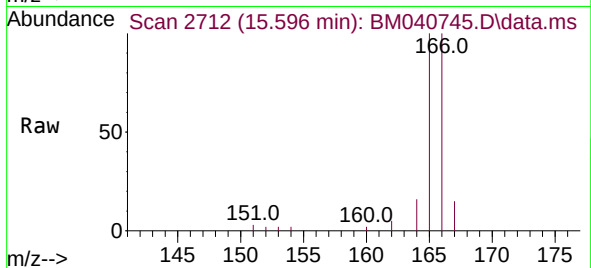
Tgt Ion:166 Resp: 9085

Ion Ratio Lower Upper

166 100

165 99.5 79.6 119.4

167 14.9 11.4 17.0



#14

Pentachlorophenol

Concen: 0.140 ng/ul

RT: 16.957 min Scan# 3026

Delta R.T. -0.000 min

Lab File: BM040745.D

Acq: 08 Jul 2023 18:31

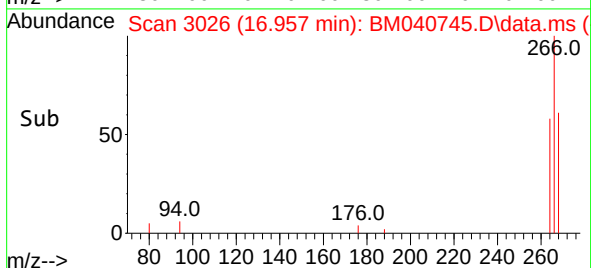
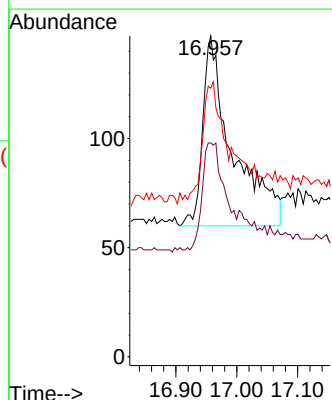
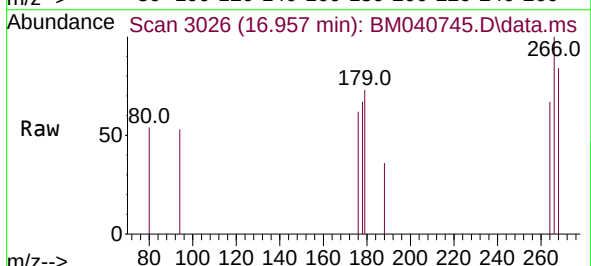
Tgt Ion:266 Resp: 298

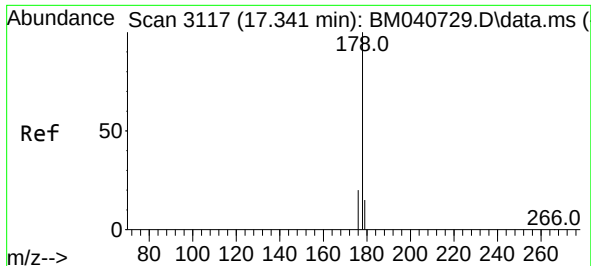
Ion Ratio Lower Upper

266 100

264 58.4 45.4 68.0

268 62.1 47.2 70.8

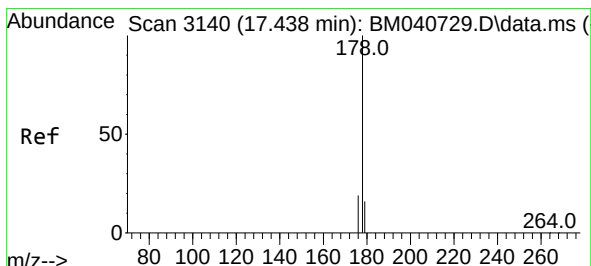
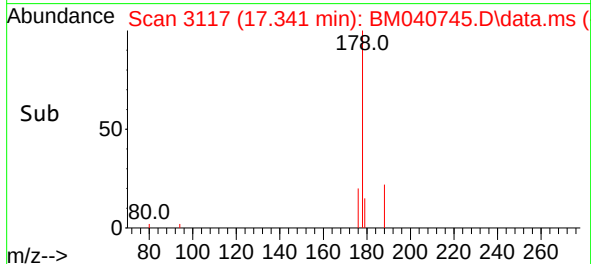
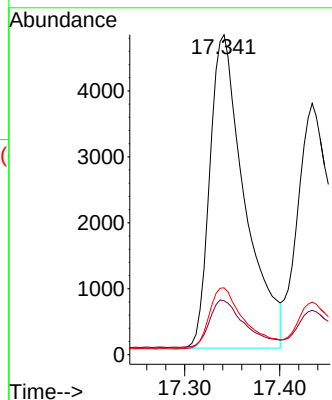
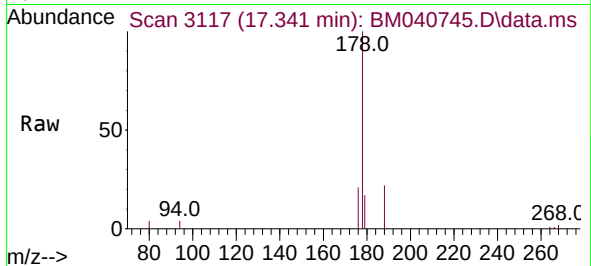




#15
Phenanthrene
Concen: 0.355 ng/ul
RT: 17.341 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BM040745.D
Acq: 08 Jul 2023 18:31

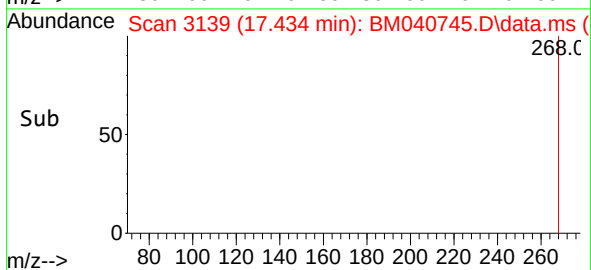
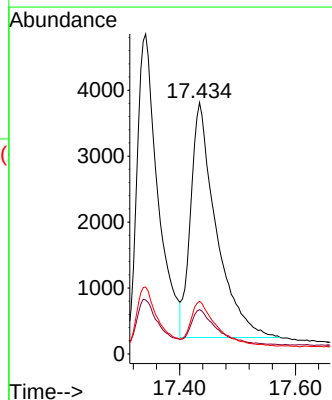
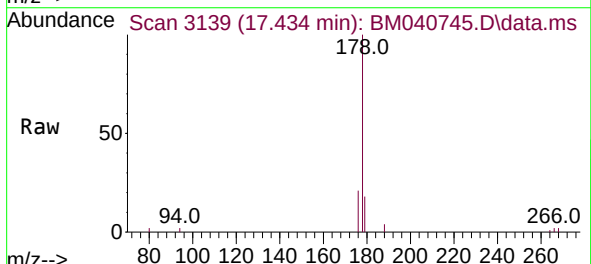
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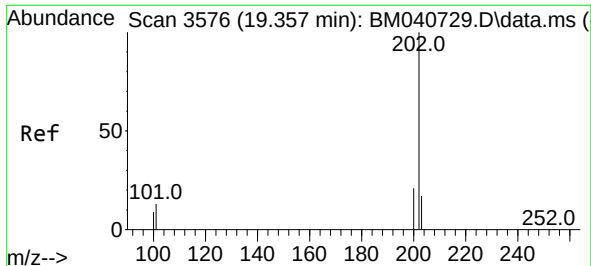
Tgt Ion:178 Resp: 12149
Ion Ratio Lower Upper
178 100
179 16.8 12.8 19.2
176 20.9 16.4 24.6



#16
Anthracene
Concen: 0.378 ng/ul
RT: 17.434 min Scan# 3139
Delta R.T. -0.004 min
Lab File: BM040745.D
Acq: 08 Jul 2023 18:31

Tgt Ion:178 Resp: 10878
Ion Ratio Lower Upper
178 100
179 17.6 12.9 19.3
176 20.9 15.8 23.6

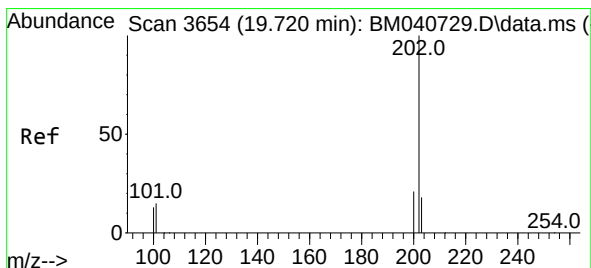
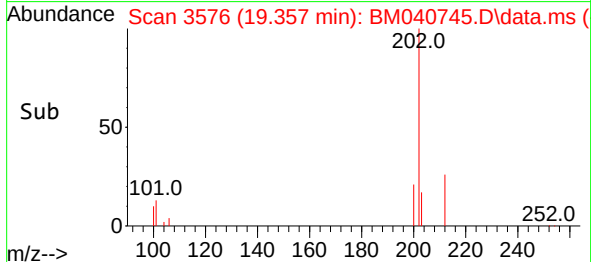
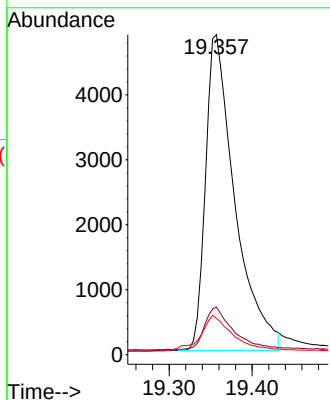
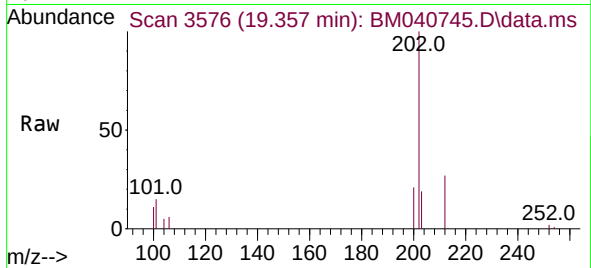




#19
Fluoranthene
Concen: 0.413 ng/ul
RT: 19.357 min Scan# 3576
Delta R.T. -0.000 min
Lab File: BM040745.D
Acq: 08 Jul 2023 18:31

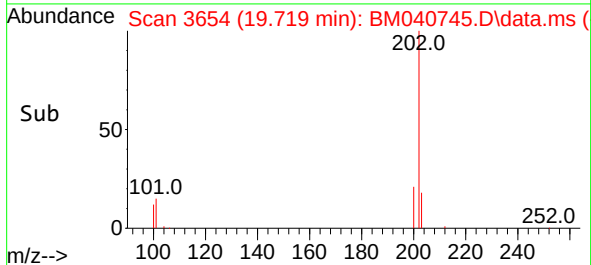
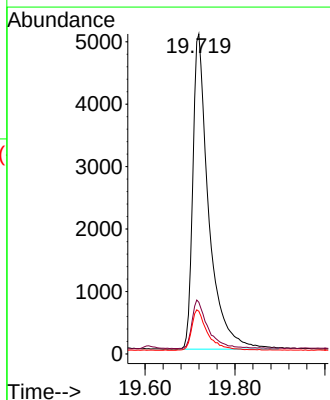
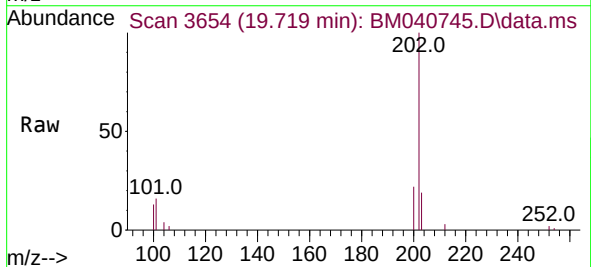
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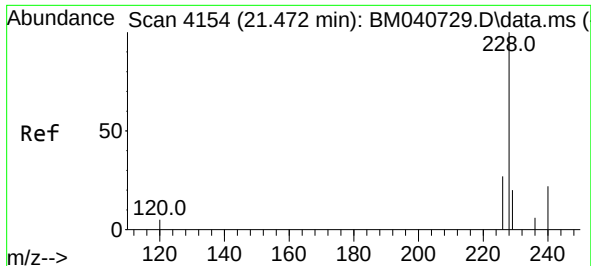
Tgt Ion:202 Resp: 11942
Ion Ratio Lower Upper
202 100
101 14.9 11.4 17.0
100 11.3 8.7 13.1



#20
Pyrene
Concen: 0.402 ng/ul
RT: 19.719 min Scan# 3654
Delta R.T. -0.000 min
Lab File: BM040745.D
Acq: 08 Jul 2023 18:31

Tgt Ion:202 Resp: 12445
Ion Ratio Lower Upper
202 100
101 16.1 12.6 18.8
100 13.4 9.8 14.6

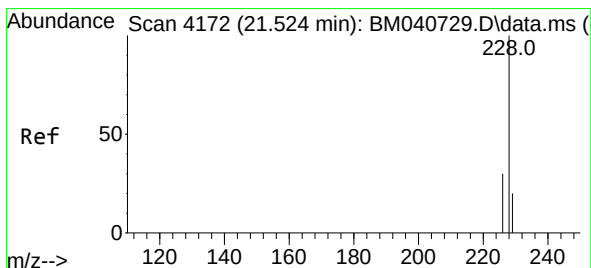
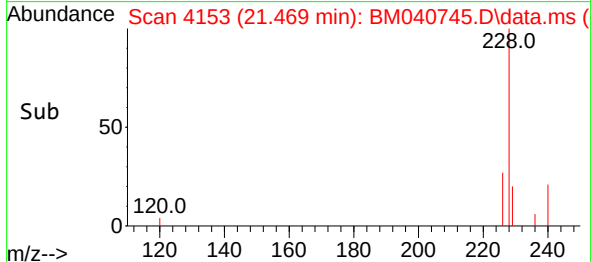
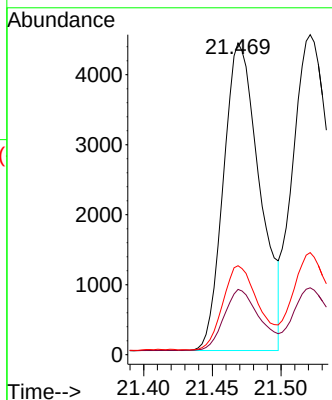
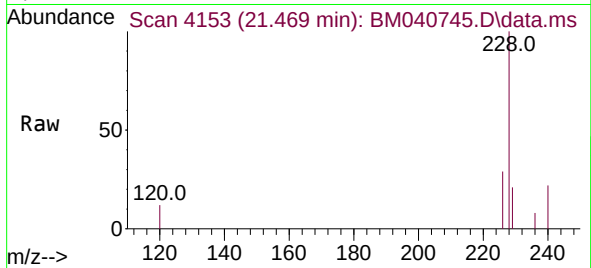




#21
Benzo(a)anthracene
Concen: 0.351 ng/ul
RT: 21.469 min Scan# 4153
Delta R.T. -0.003 min
Lab File: BM040745.D
Acq: 08 Jul 2023 18:31

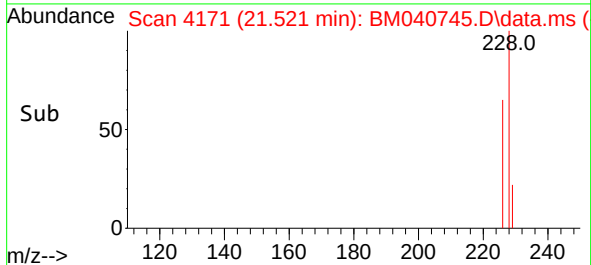
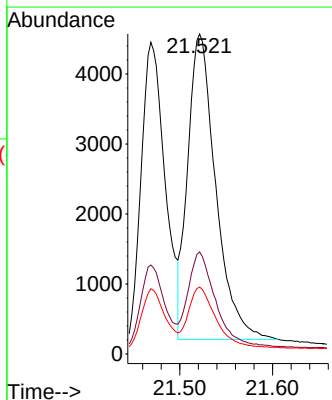
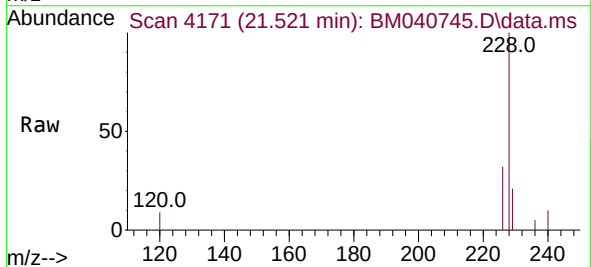
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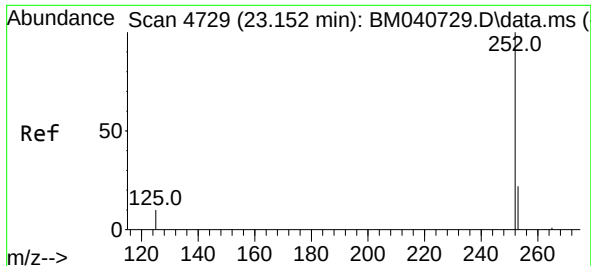
Tgt Ion:228 Resp: 8071
Ion Ratio Lower Upper
228 100
229 21.0 16.0 24.0
226 28.6 22.3 33.5



#22
Chrysene
Concen: 0.349 ng/ul
RT: 21.521 min Scan# 4171
Delta R.T. -0.003 min
Lab File: BM040745.D
Acq: 08 Jul 2023 18:31

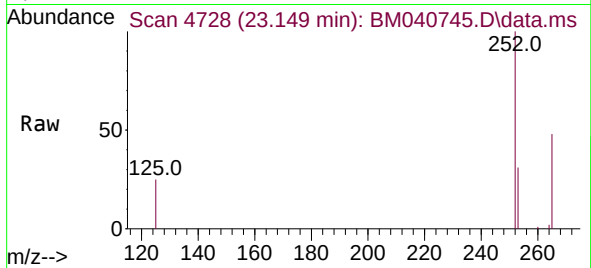
Tgt Ion:228 Resp: 9150
Ion Ratio Lower Upper
228 100
226 31.9 24.9 37.3
229 20.9 15.8 23.6



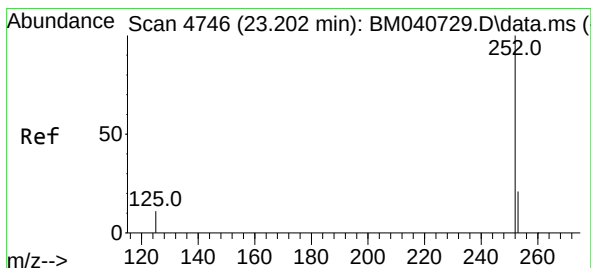
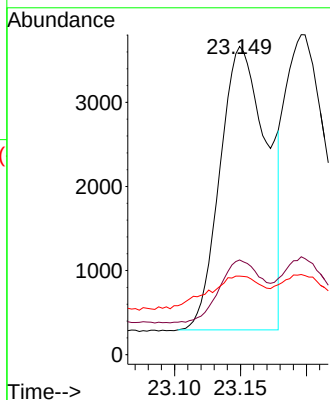


#24
Benzo(b)fluoranthene
Concen: 0.391 ng/ul
RT: 23.149 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM040745.D
Acq: 08 Jul 2023 18:31

Instrument :
BNA_M
ClientSampleId :
SSTD0.4163

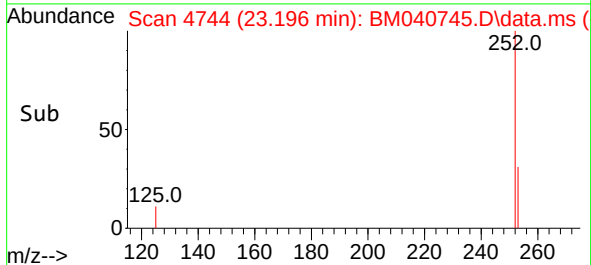
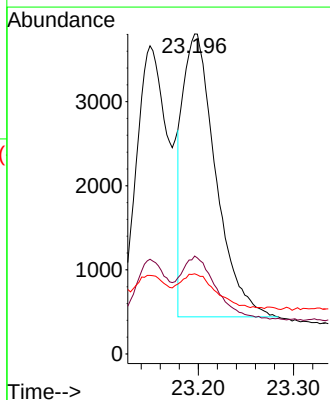
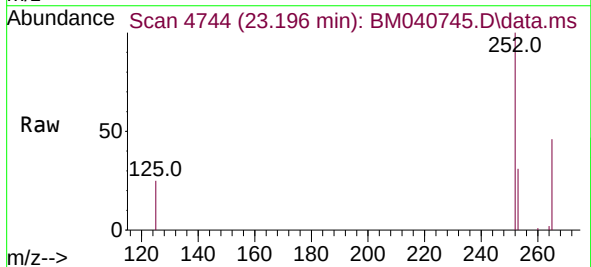


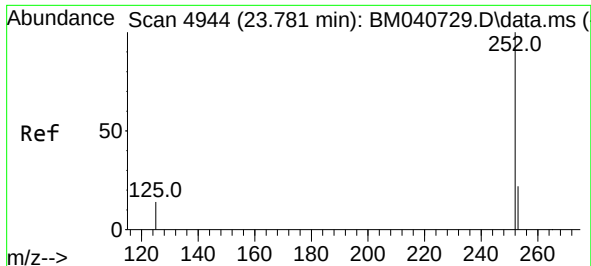
Tgt Ion:252 Resp: 8339
Ion Ratio Lower Upper
252 100
253 30.7 0.0 52.8
125 25.5 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.385 ng/ul
RT: 23.196 min Scan# 4744
Delta R.T. -0.006 min
Lab File: BM040745.D
Acq: 08 Jul 2023 18:31

Tgt Ion:252 Resp: 8097
Ion Ratio Lower Upper
252 100
253 30.6 21.2 31.8
125 25.0 16.4 24.6#

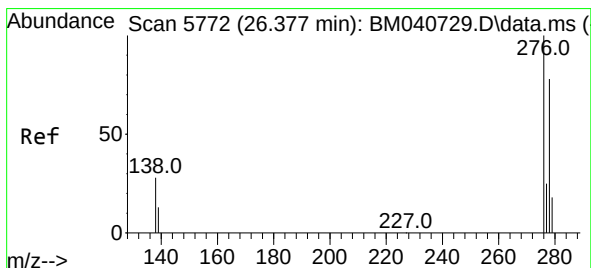
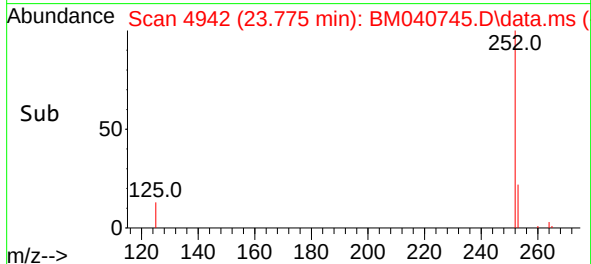
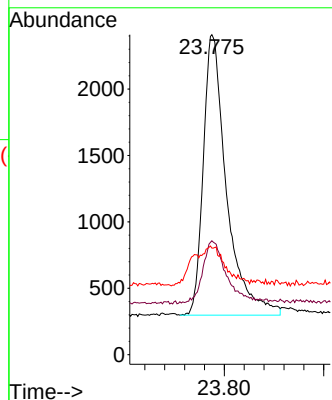
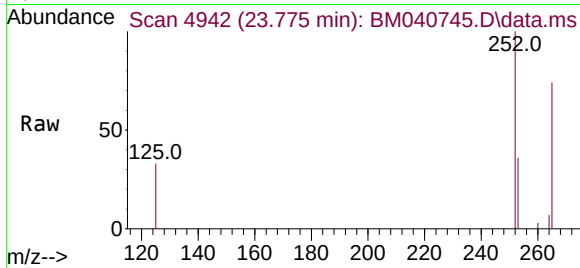




#26
Benzo(a)pyrene
Concen: 0.357 ng/ul
RT: 23.775 min Scan# 4944
Delta R.T. -0.006 min
Lab File: BM040745.D
Acq: 08 Jul 2023 18:31

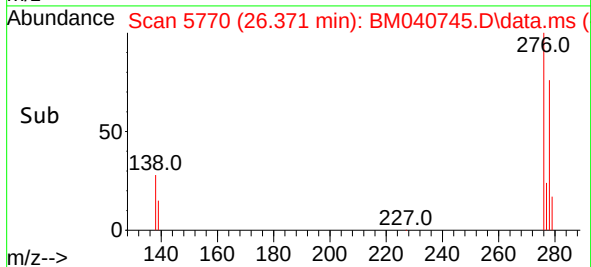
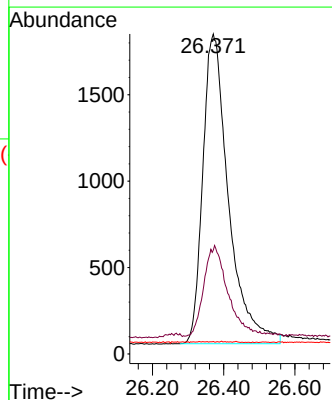
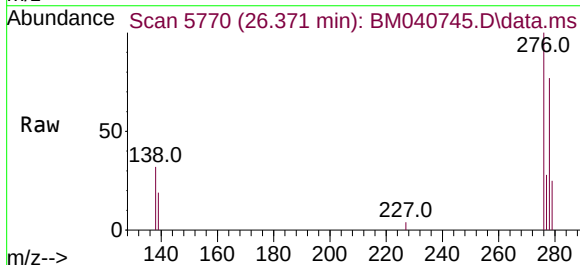
Instrument :
BNA_M
ClientSampleId :
SSTD0.4163

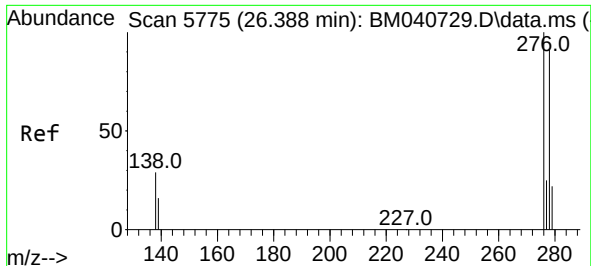
Tgt Ion:252 Resp: 6871
Ion Ratio Lower Upper
252 100
253 35.6 22.9 34.3#
125 33.3 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.336 ng/ul
RT: 26.371 min Scan# 5770
Delta R.T. -0.007 min
Lab File: BM040745.D
Acq: 08 Jul 2023 18:31

Tgt Ion:276 Resp: 8992
Ion Ratio Lower Upper
276 100
138 27.8 24.5 36.7
227 0.0 0.1 0.1#

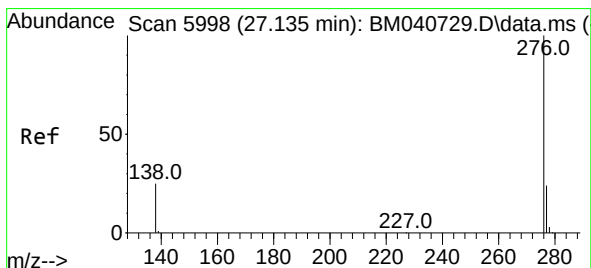
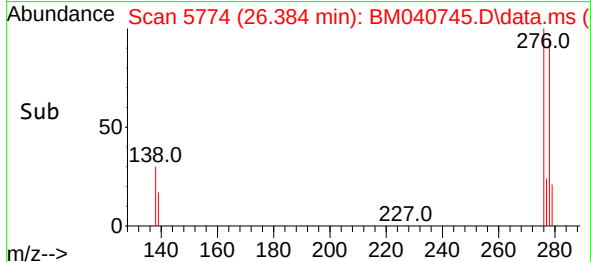
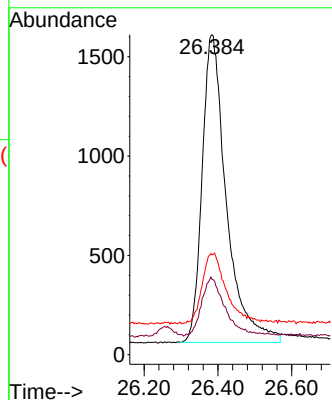
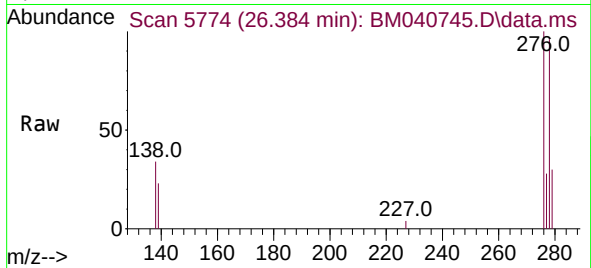




#28
Dibenzo(a,h)anthracene
Concen: 0.338 ng/ul
RT: 26.384 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM040745.D
Acq: 08 Jul 2023 18:31

Instrument :
BNA_M
ClientSampleId :
SSTD0.4163

Tgt Ion:278 Resp: 7081
Ion Ratio Lower Upper
278 100
139 23.6 17.9 26.9
279 31.3 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 0.344 ng/ul
RT: 27.129 min Scan# 5996
Delta R.T. -0.007 min
Lab File: BM040745.D
Acq: 08 Jul 2023 18:31

Tgt Ion:276 Resp: 8064
Ion Ratio Lower Upper
276 100
138 30.1 23.0 34.6
277 27.7 20.3 30.5

