

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110522\
 Data File : BM037377.D
 Acq On : 05 Nov 2022 14:53
 Operator : CG/JU
 Sample : SST0.481
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.4038

Quant Time: Nov 07 00:19:19 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 07 00:16:16 2022
 Response via : Initial Calibration

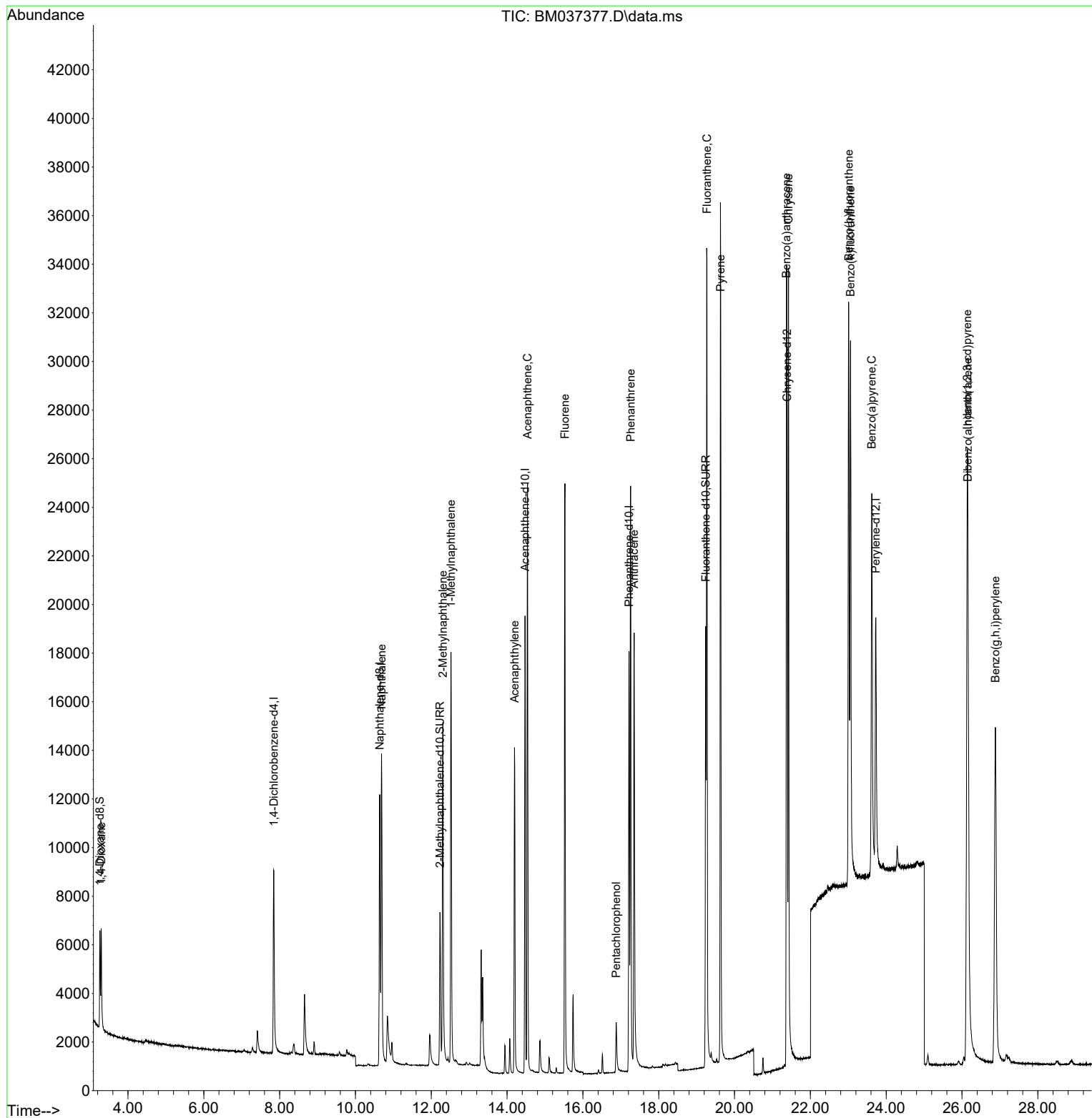
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	5040	0.400	ng/ul	0.00
4) Naphthalene-d8	10.638	136	16845	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.473	164	10005	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.216	188	21125	0.400	ng/ul	0.00
17) Chrysene-d12	21.386	240	16985	0.400	ng/ul	0.00
23) Perylene-d12	23.724	264	15503	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.260	96	2694	0.438	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	9931	0.415	ng/ul	0.00
18) Fluoranthene-d10	19.238	212	20666	0.402	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	2718	0.426	ng/ul	100
5) Naphthalene	10.688	128	19142	0.384	ng/ul	100
7) 2-Methylnaphthalene	12.305	142	12026	0.403	ng/ul	100
8) 1-Methylnaphthalene	12.519	142	12282	0.403	ng/ul	100
10) Acenaphthylene	14.196	152	16231	0.378	ng/ul	100
11) Acenaphthene	14.538	153	14447	0.372	ng/ul	100
12) Fluorene	15.523	166	16403	0.361	ng/ul	100
14) Pentachlorophenol	16.878	266	1940	0.379	ng/ul	99
15) Phenanthrene	17.258	178	26826	0.376	ng/ul	100
16) Anthracene	17.351	178	22418	0.397	ng/ul	100
19) Fluoranthene	19.271	202	30741	0.417	ng/ul	100
20) Pyrene	19.628	202	32089	0.429	ng/ul	100
21) Benzo(a)anthracene	21.368	228	26596	0.403	ng/ul	100
22) Chrysene	21.424	228	29905	0.394	ng/ul	100
24) Benzo(b)fluoranthene	23.011	252	32140	0.391	ng/ul	100
25) Benzo(k)fluoranthene	23.058	252	30689	0.387	ng/ul	100
26) Benzo(a)pyrene	23.619	252	27353	0.415	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.138	276	37354	0.406	ng/ul	100
28) Dibenzo(a,h)anthracene	26.155	278	28864	0.397	ng/ul	100
29) Benzo(g,h,i)perylene	26.879	276	32175	0.397	ng/ul	100

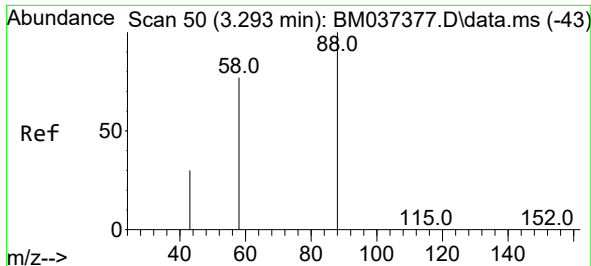
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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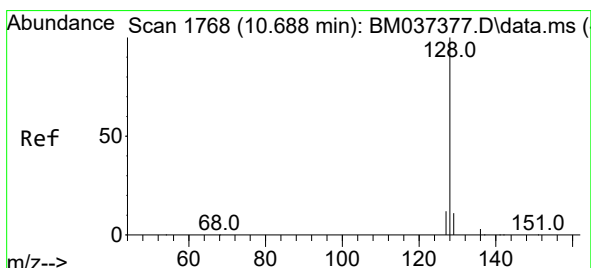
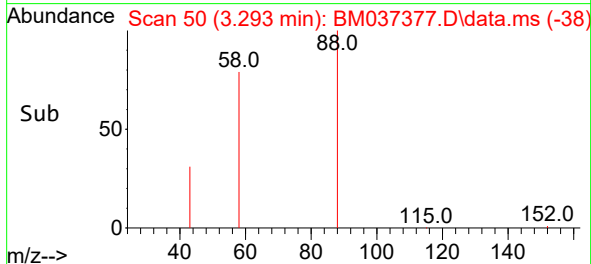
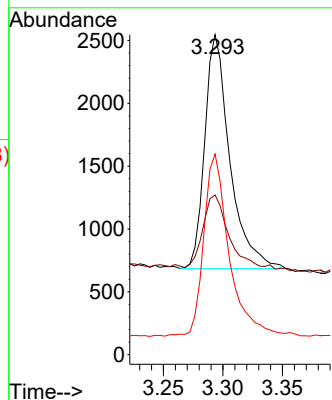
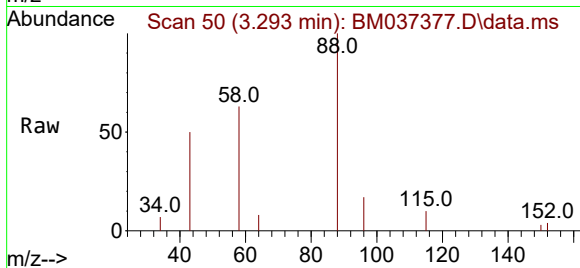




#2
1,4-Dioxane
Concen: 0.426 ng/ul
RT: 3.293 min Scan# 50
Delta R.T. 0.000 min
Lab File: BM037377.D
Acq: 05 Nov 2022 14:53

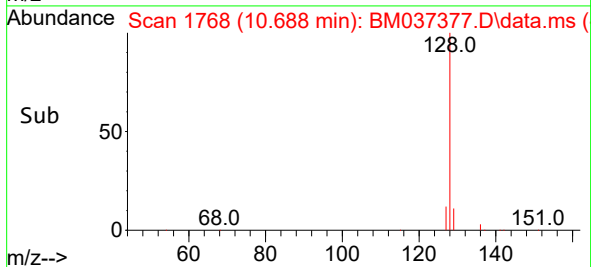
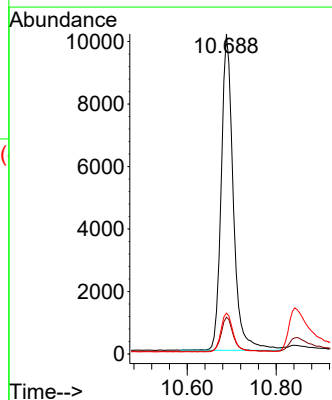
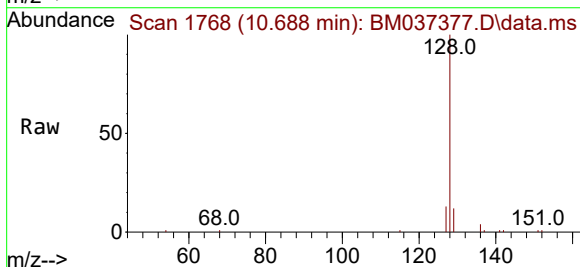
Instrument :
BNA_M
ClientSampleId :
SSTD0.4038

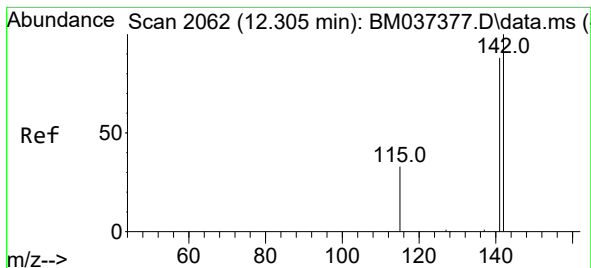
Tgt Ion: 88 Resp: 2718
Ion Ratio Lower Upper
88 100
43 49.9 39.9 59.9
58 62.7 50.2 75.2



#5
Naphthalene
Concen: 0.384 ng/ul
RT: 10.688 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BM037377.D
Acq: 05 Nov 2022 14:53

Tgt Ion: 128 Resp: 19142
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 12.8 10.2 15.4

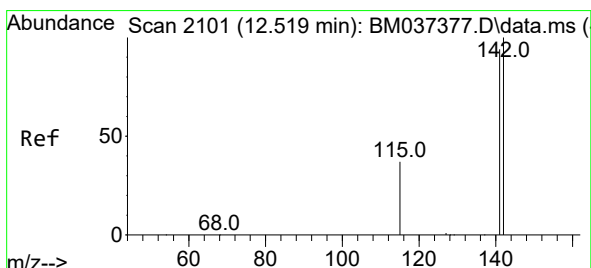
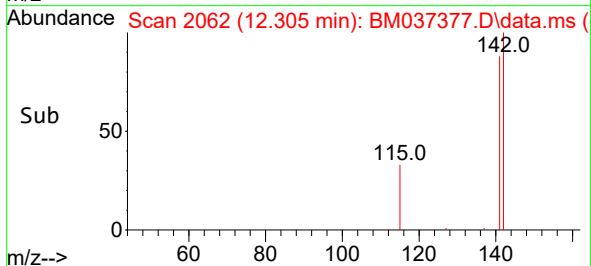
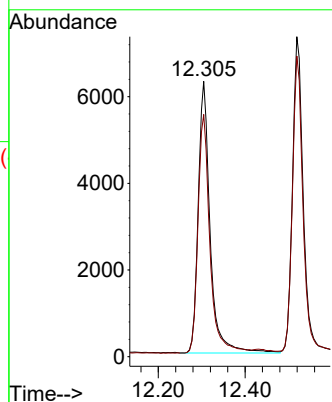
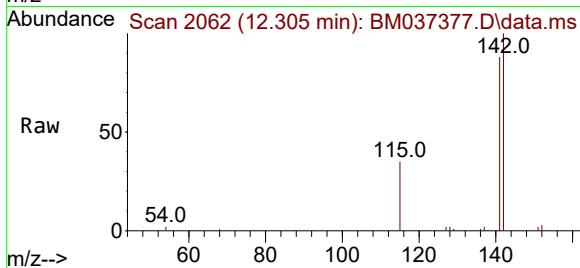




#7
2-Methylnaphthalene
Concen: 0.403 ng/ul
RT: 12.305 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BM037377.D
Acq: 05 Nov 2022 14:53

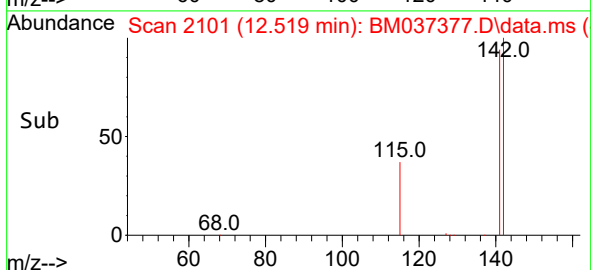
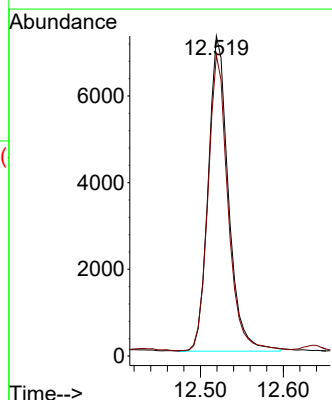
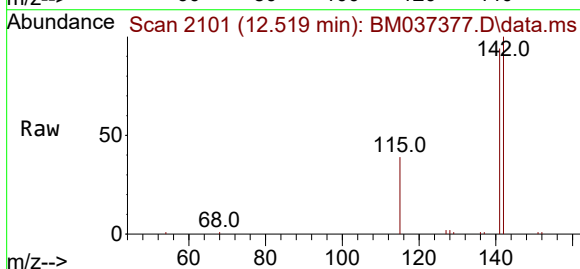
Instrument :
BNA_M
ClientSampleId :
SSTD0.4038

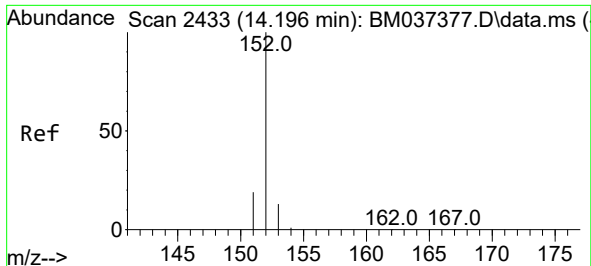
Tgt Ion:142 Resp: 12026
Ion Ratio Lower Upper
142 100
141 87.9 70.6 105.8



#8
1-Methylnaphthalene
Concen: 0.403 ng/ul
RT: 12.519 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BM037377.D
Acq: 05 Nov 2022 14:53

Tgt Ion:142 Resp: 12282
Ion Ratio Lower Upper
142 100
141 92.4 73.9 110.9

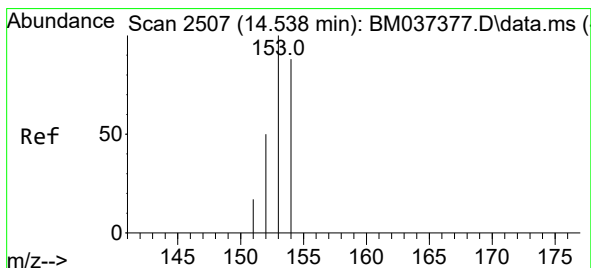
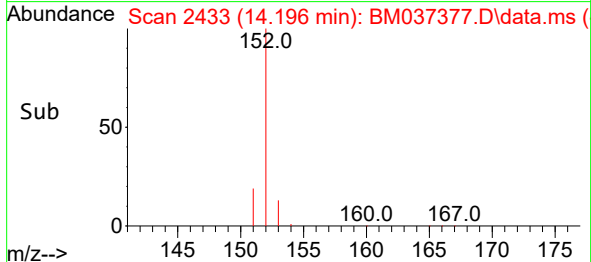
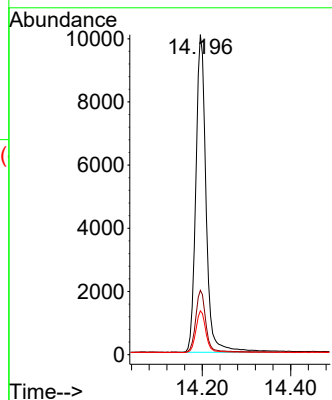
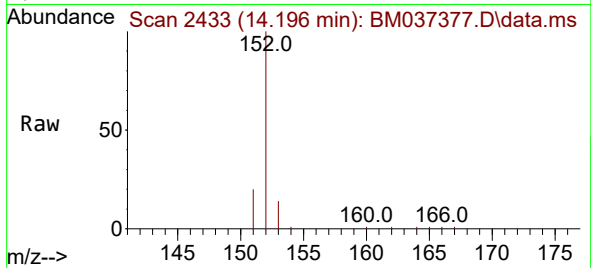




#10
Acenaphthylene
Concen: 0.378 ng/ul
RT: 14.196 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BM037377.D
Acq: 05 Nov 2022 14:53

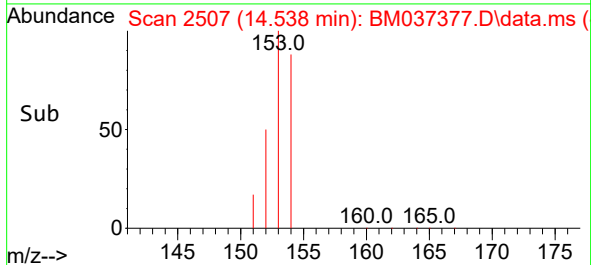
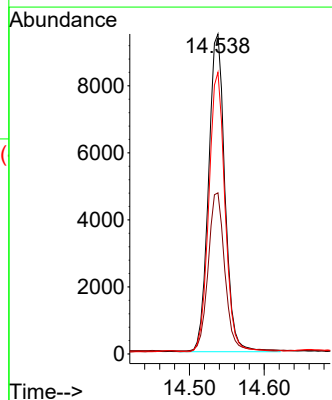
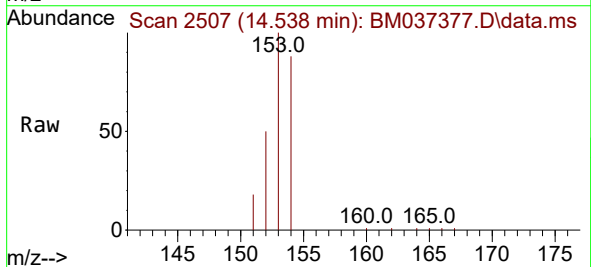
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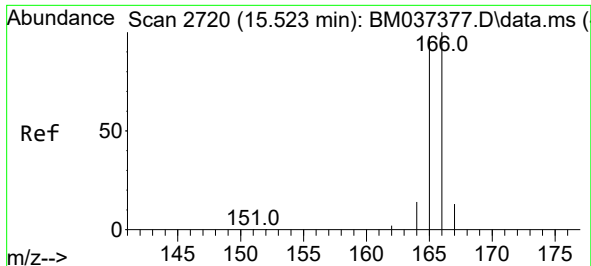
Tgt Ion:152 Resp: 16231
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.7 11.0 16.4



#11
Acenaphthene
Concen: 0.372 ng/ul
RT: 14.538 min Scan# 2507
Delta R.T. 0.000 min
Lab File: BM037377.D
Acq: 05 Nov 2022 14:53

Tgt Ion:153 Resp: 14447
Ion Ratio Lower Upper
153 100
152 50.3 40.2 60.4
154 88.0 70.4 105.6

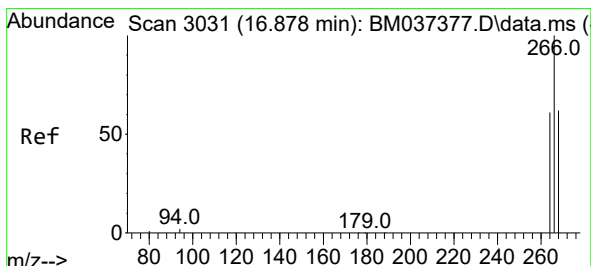
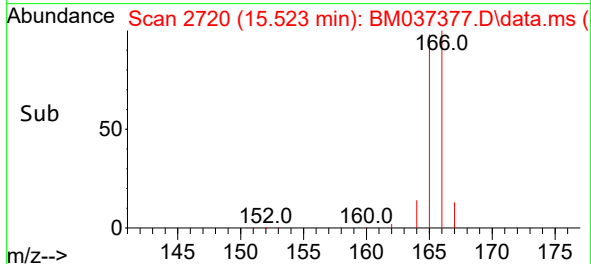
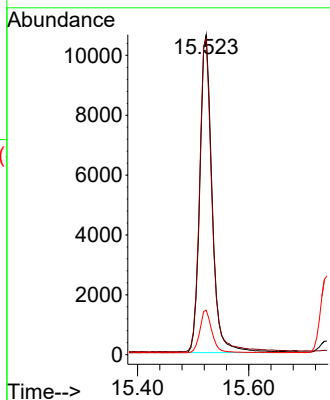
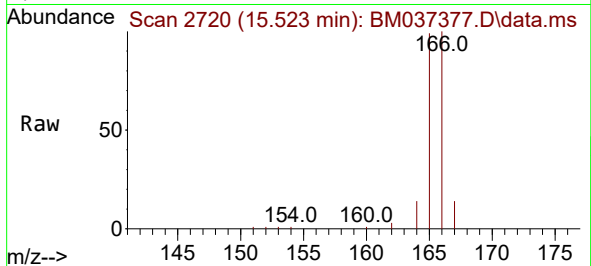




#12
 Fluorene
 Concen: 0.361 ng/ul
 RT: 15.523 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM037377.D
 Acq: 05 Nov 2022 14:53

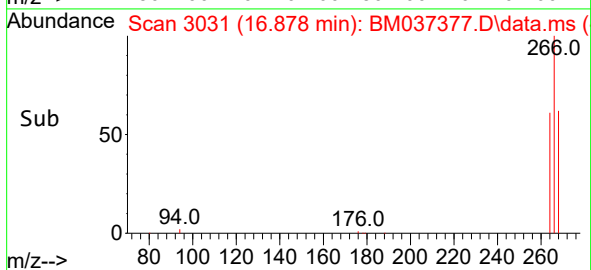
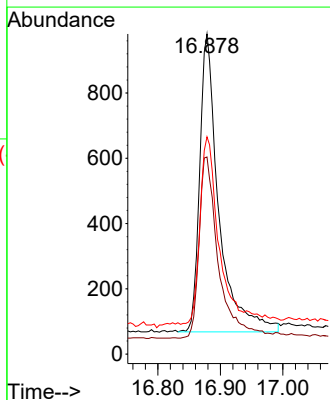
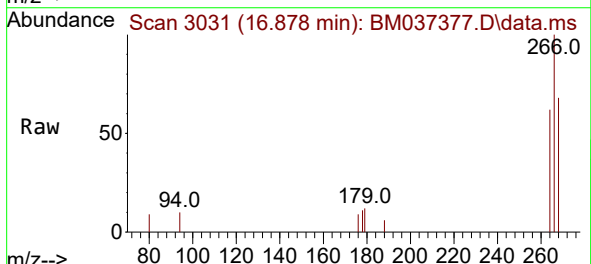
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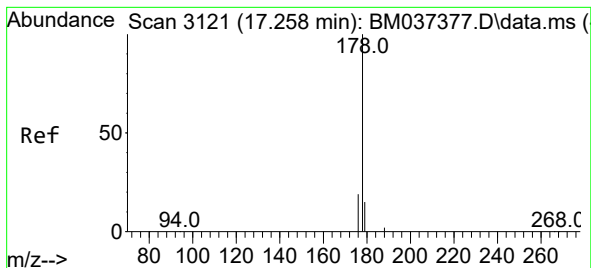
Tgt Ion:166 Resp: 16403
 Ion Ratio Lower Upper
 166 100
 165 98.7 79.0 118.4
 167 13.9 11.1 16.7



#14
 Pentachlorophenol
 Concen: 0.379 ng/ul
 RT: 16.878 min Scan# 3031
 Delta R.T. 0.000 min
 Lab File: BM037377.D
 Acq: 05 Nov 2022 14:53

Tgt Ion:266 Resp: 1940
 Ion Ratio Lower Upper
 266 100
 264 61.8 49.9 74.9
 268 65.2 51.9 77.9





#15

Phenanthrene

Concen: 0.376 ng/ul

RT: 17.258 min Scan# 3121

Delta R.T. 0.000 min

Lab File: BM037377.D

Acq: 05 Nov 2022 14:53

Instrument :

BNA_M

ClientSampleId :

SSTD0.4038

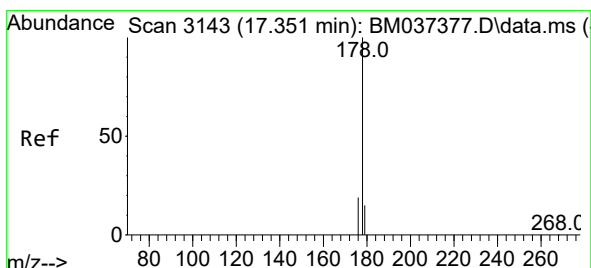
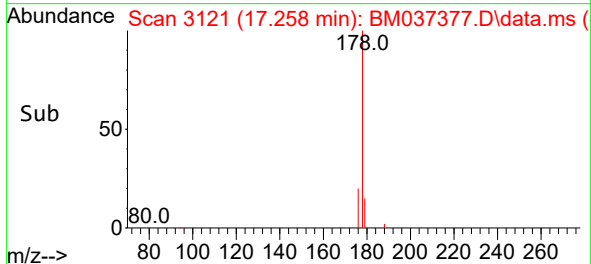
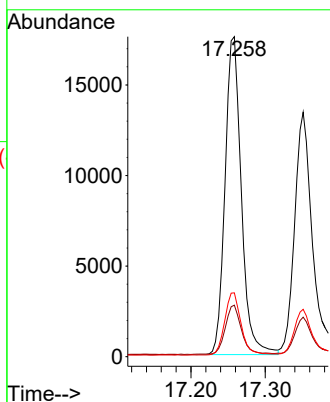
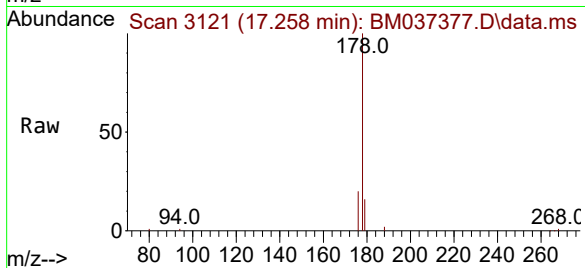
Tgt Ion:178 Resp: 26826

Ion Ratio Lower Upper

178 100

179 16.1 12.9 19.3

176 20.0 16.0 24.0



#16

Anthracene

Concen: 0.397 ng/ul

RT: 17.351 min Scan# 3143

Delta R.T. 0.000 min

Lab File: BM037377.D

Acq: 05 Nov 2022 14:53

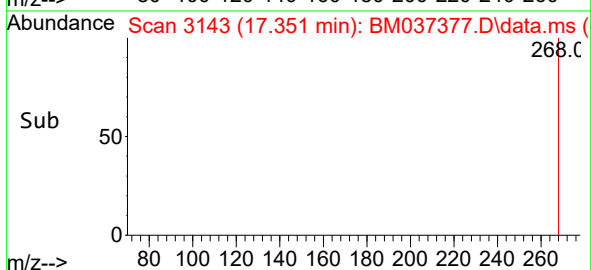
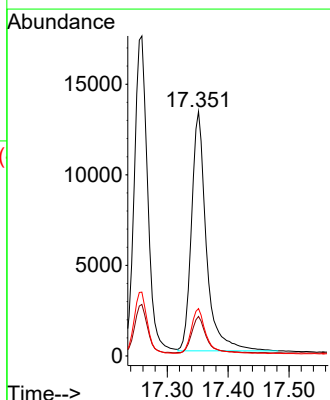
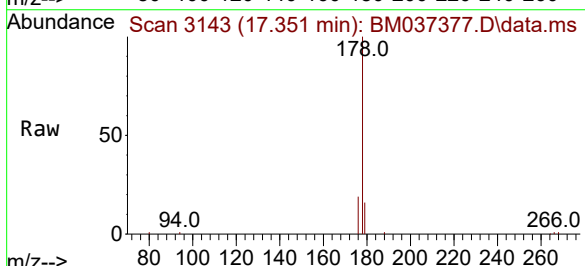
Tgt Ion:178 Resp: 22418

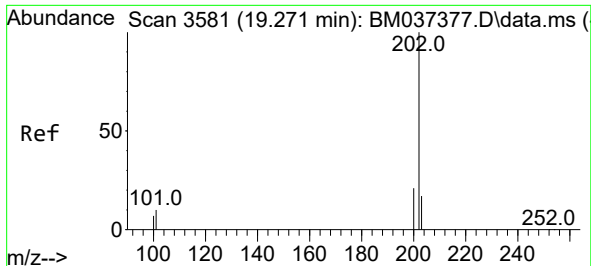
Ion Ratio Lower Upper

178 100

179 16.2 13.0 19.4

176 19.4 15.5 23.3

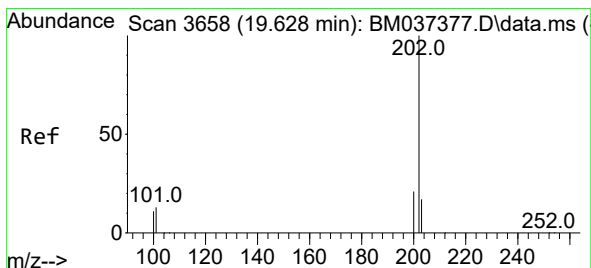
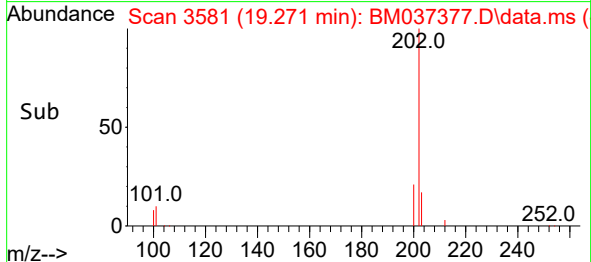
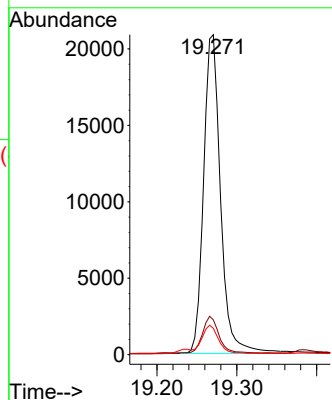
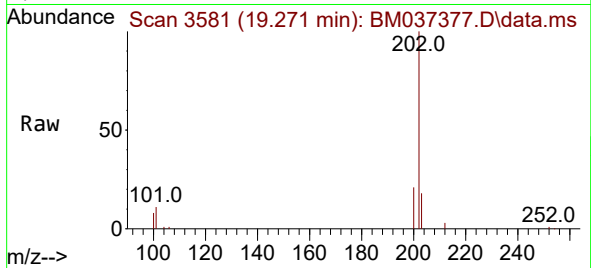




#19
Fluoranthene
Concen: 0.417 ng/ul
RT: 19.271 min Scan# 3581
Delta R.T. 0.000 min
Lab File: BM037377.D
Acq: 05 Nov 2022 14:53

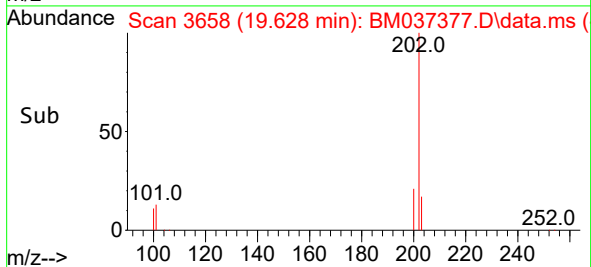
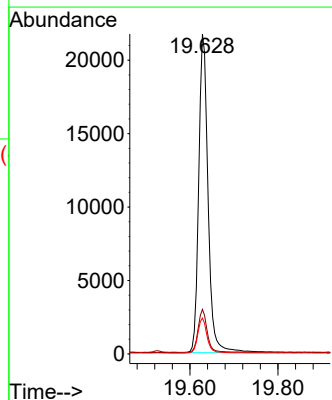
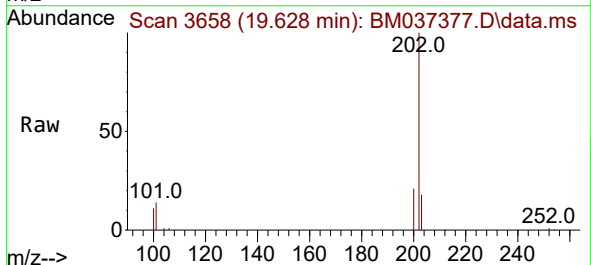
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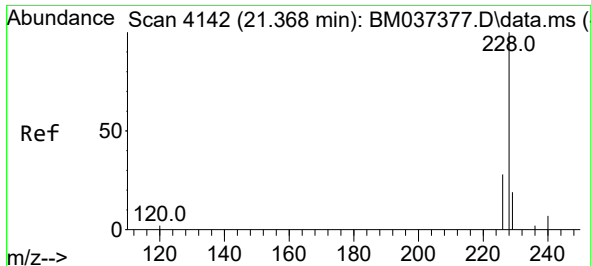
Tgt Ion:202 Resp: 30741
Ion Ratio Lower Upper
202 100
101 10.9 8.7 13.1
100 8.3 6.6 10.0



#20
Pyrene
Concen: 0.429 ng/ul
RT: 19.628 min Scan# 3658
Delta R.T. 0.000 min
Lab File: BM037377.D
Acq: 05 Nov 2022 14:53

Tgt Ion:202 Resp: 32089
Ion Ratio Lower Upper
202 100
101 13.9 11.1 16.7
100 11.2 9.0 13.4

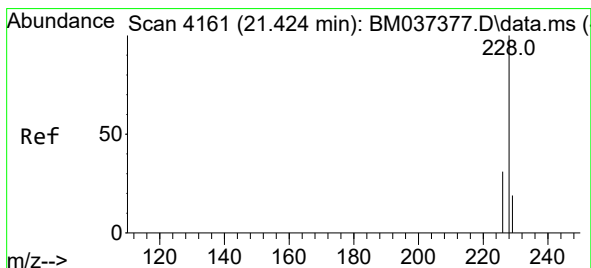
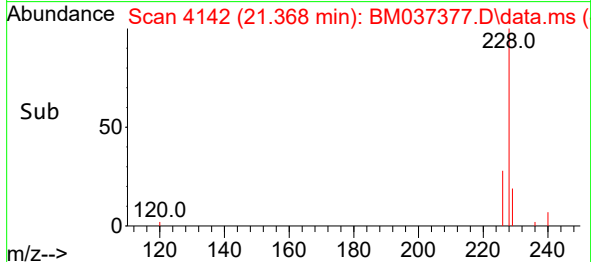
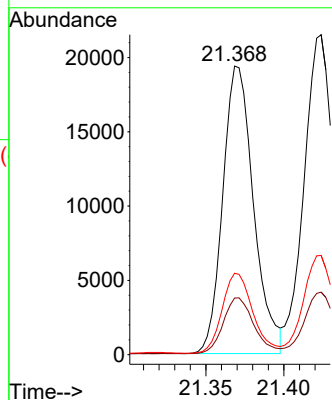
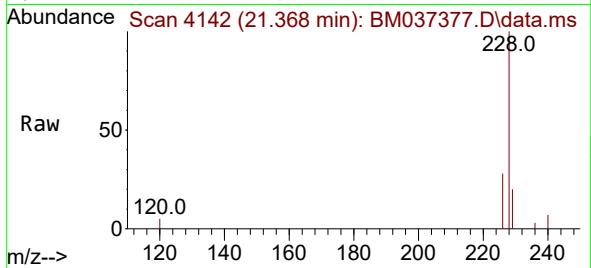




#21
Benzo(a)anthracene
Concen: 0.403 ng/ul
RT: 21.368 min Scan# 4142
Delta R.T. 0.000 min
Lab File: BM037377.D
Acq: 05 Nov 2022 14:53

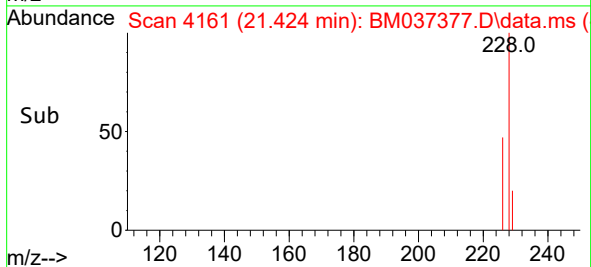
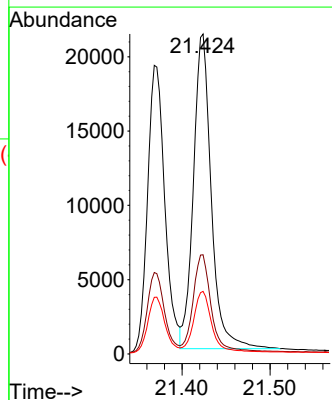
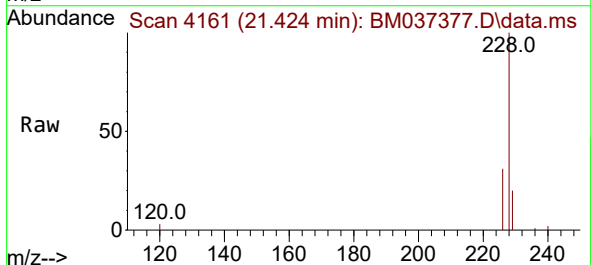
Instrument :
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SSTD0.4038

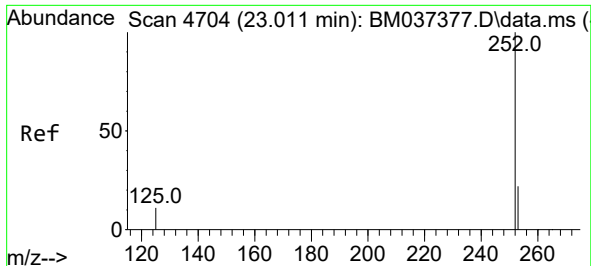
Tgt Ion:228 Resp: 26596
Ion Ratio Lower Upper
228 100
229 19.6 15.7 23.5
226 28.2 22.6 33.8



#22
Chrysene
Concen: 0.394 ng/ul
RT: 21.424 min Scan# 4161
Delta R.T. 0.000 min
Lab File: BM037377.D
Acq: 05 Nov 2022 14:53

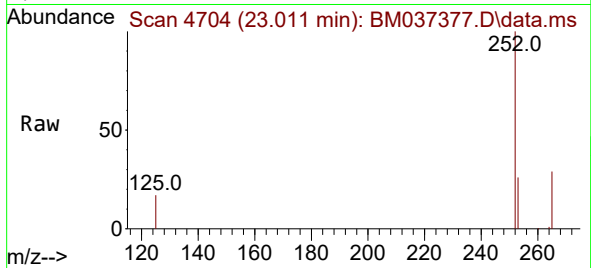
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Ion Ratio Lower Upper
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229 19.5 15.6 23.4



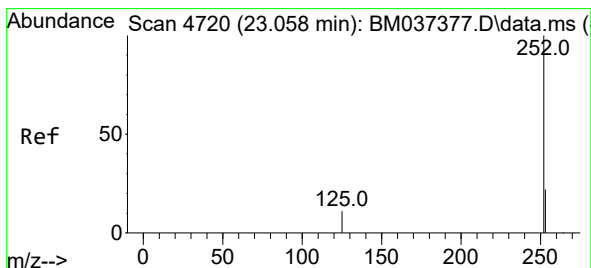
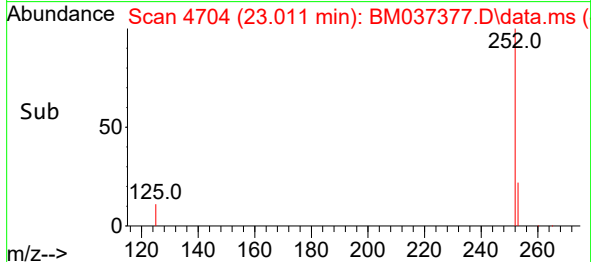
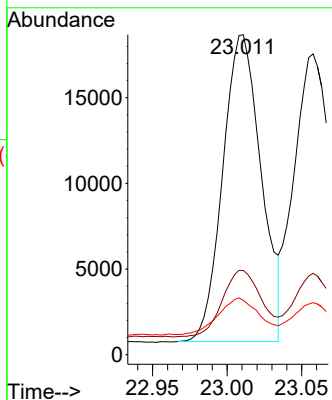


#24
Benzo(b)fluoranthene
Concen: 0.391 ng/ul
RT: 23.011 min Scan# 4704
Delta R.T. 0.000 min
Lab File: BM037377.D
Acq: 05 Nov 2022 14:53

Instrument :
BNA_M
ClientSampleId :
SSTD0.4038

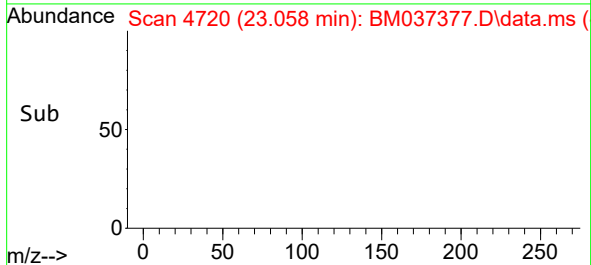
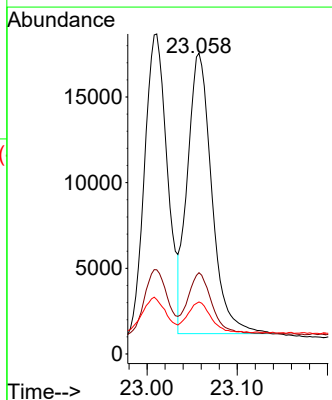
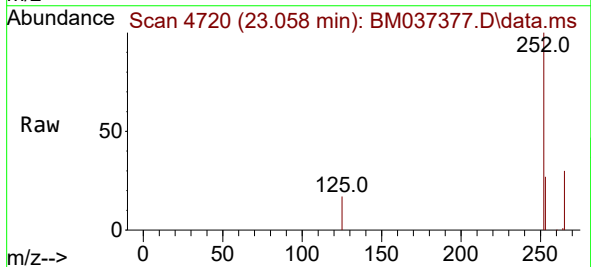


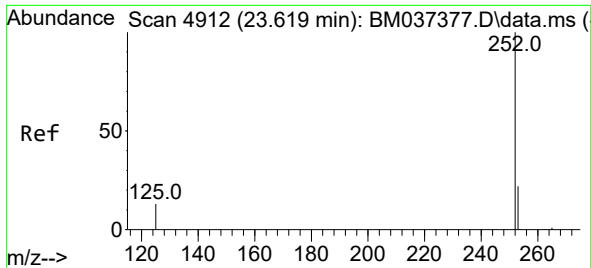
Tgt Ion:252 Resp: 32140
Ion Ratio Lower Upper
252 100
253 26.3 0.0 52.6
125 17.0 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.387 ng/ul
RT: 23.058 min Scan# 4720
Delta R.T. 0.000 min
Lab File: BM037377.D
Acq: 05 Nov 2022 14:53

Tgt Ion:252 Resp: 30689
Ion Ratio Lower Upper
252 100
253 27.0 21.6 32.4
125 17.3 13.8 20.8

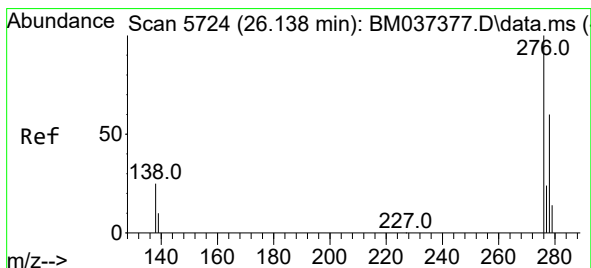
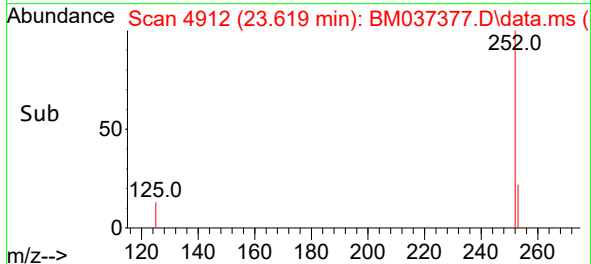
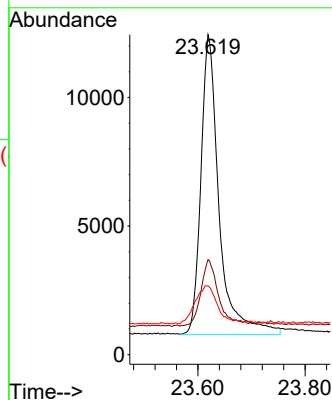
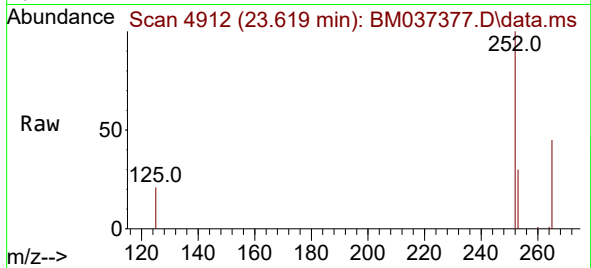




#26
Benzo(a)pyrene
Concen: 0.415 ng/ul
RT: 23.619 min Scan# 4912
Delta R.T. 0.000 min
Lab File: BM037377.D
Acq: 05 Nov 2022 14:53

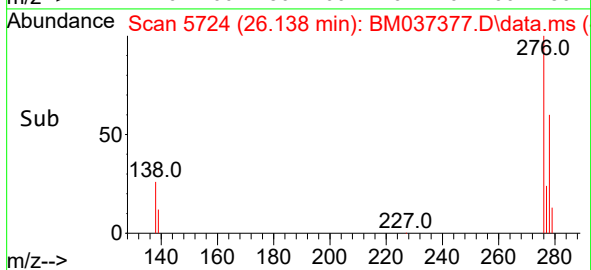
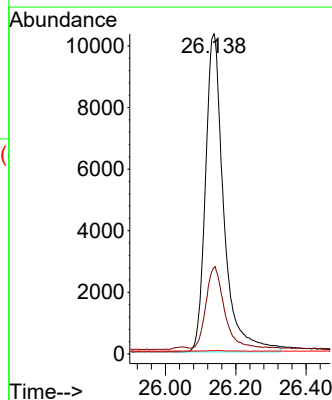
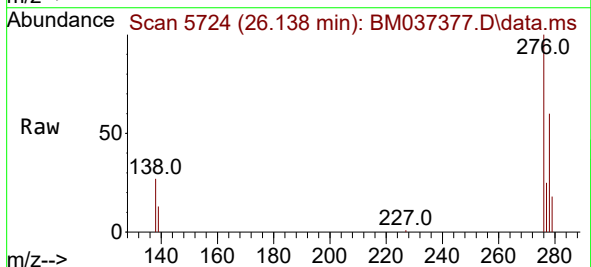
Instrument :
BNA_M
ClientSampleId :
SSTD0.4038

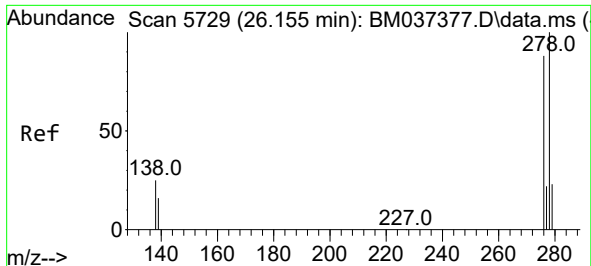
Tgt Ion:252 Resp: 27353
Ion Ratio Lower Upper
252 100
253 29.7 23.8 35.6
125 21.5 17.2 25.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.406 ng/ul
RT: 26.138 min Scan# 5724
Delta R.T. 0.000 min
Lab File: BM037377.D
Acq: 05 Nov 2022 14:53

Tgt Ion:276 Resp: 37354
Ion Ratio Lower Upper
276 100
138 26.1 20.8 31.2
227 0.1 0.1 0.1

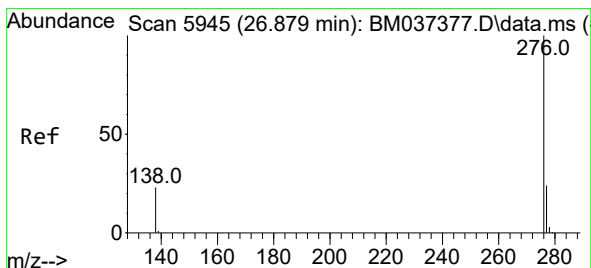
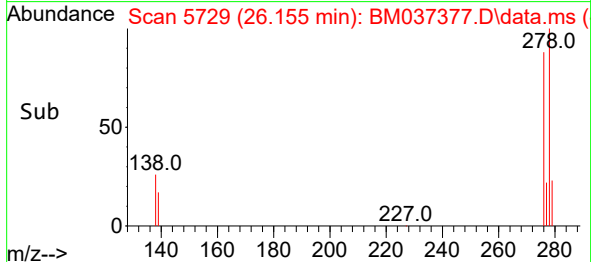
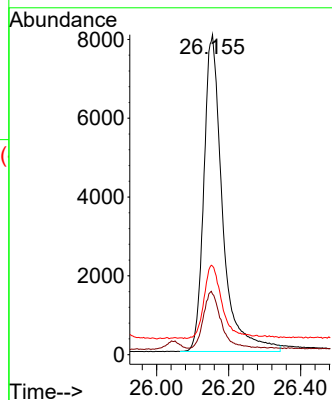
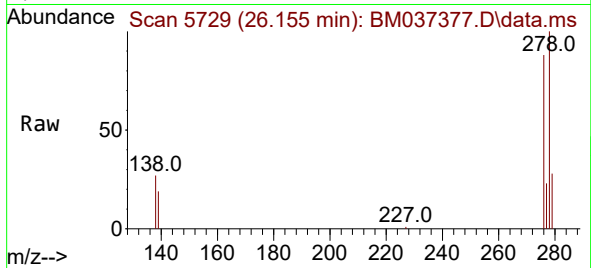




#28
Dibenzo(a,h)anthracene
Concen: 0.397 ng/ul
RT: 26.155 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM037377.D
Acq: 05 Nov 2022 14:53

Instrument :
BNA_M
ClientSampleId :
SSTD0.4038

Tgt Ion:278 Resp: 28864
Ion Ratio Lower Upper
278 100
139 19.0 15.2 22.8
279 27.7 22.2 33.2



#29
Benzo(g,h,i)perylene
Concen: 0.397 ng/ul
RT: 26.879 min Scan# 5945
Delta R.T. 0.000 min
Lab File: BM037377.D
Acq: 05 Nov 2022 14:53

Tgt Ion:276 Resp: 32175
Ion Ratio Lower Upper
276 100
138 24.5 19.6 29.4
277 25.1 20.1 30.1

