

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110522\
 Data File : BM037375.D
 Acq On : 05 Nov 2022 13:40
 Operator : CG/JU
 Sample : SST0.179
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.1036

Quant Time: Nov 07 00:18:58 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

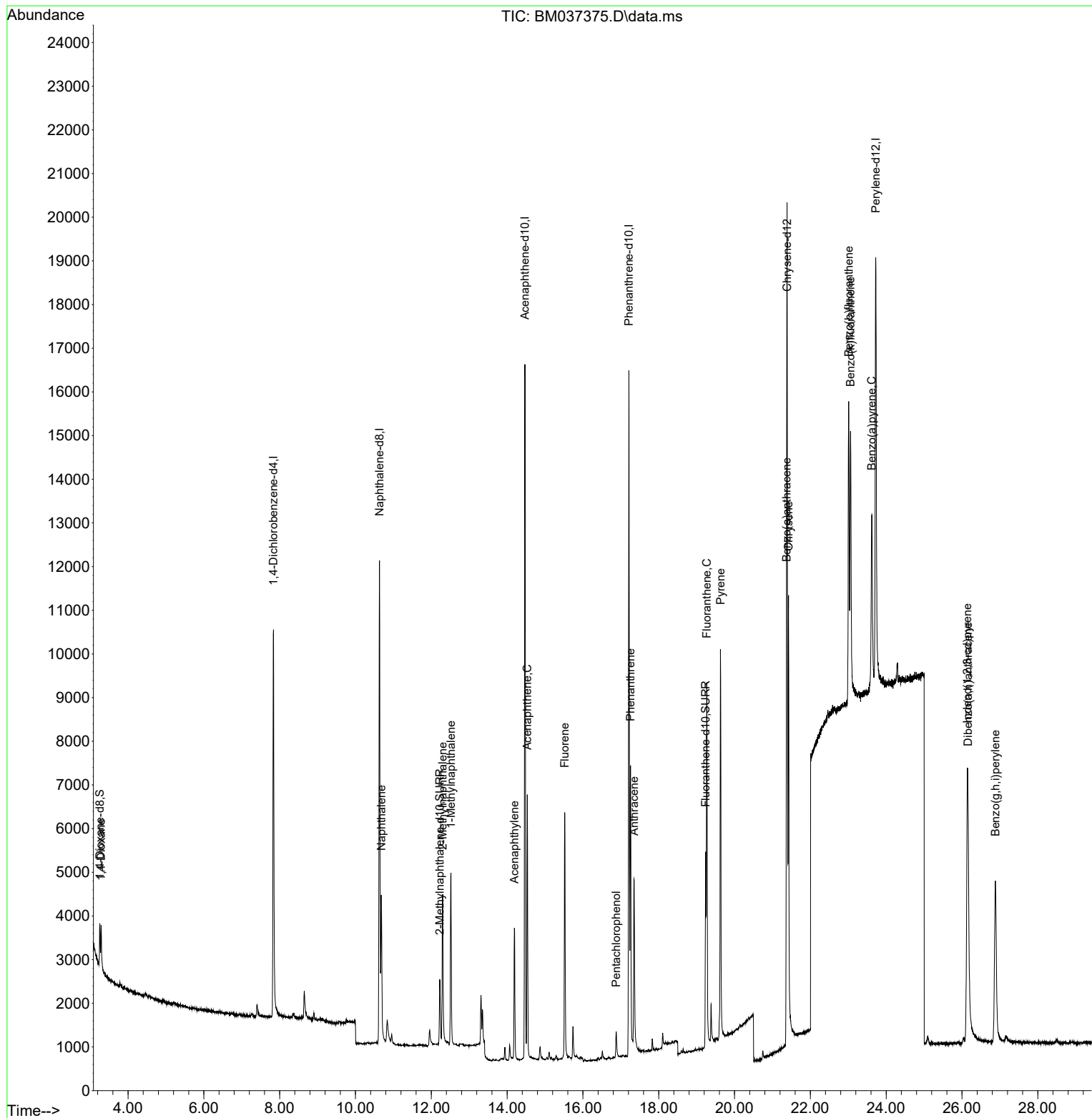
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.837	152	5319	0.400	ng/ul	0.00
4) Naphthalene-d8	10.633	136	15949	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.469	164	8981	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	18996	0.400	ng/ul	0.00
17) Chrysene-d12	21.385	240	15829	0.400	ng/ul	0.00
23) Perylene-d12	23.723	264	14562	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.255	96	789	0.122	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.222	152	2370	0.105	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	4840	0.101	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.289	88	739	0.110	ng/ul#	66
5) Naphthalene	10.682	128	4522	0.096	ng/ul	95
7) 2-Methylnaphthalene	12.299	142	2789	0.099	ng/ul	97
8) 1-Methylnaphthalene	12.519	142	2913	0.101	ng/ul	100
10) Acenaphthylene	14.192	152	3740	0.097	ng/ul	95
11) Acenaphthene	14.534	153	3431	0.098	ng/ul	99
12) Fluorene	15.519	166	3966	0.097	ng/ul	99
14) Pentachlorophenol	16.879	266	570	0.124	ng/ul	91
15) Phenanthrene	17.255	178	7275	0.113	ng/ul	97
16) Anthracene	17.352	178	5267	0.104	ng/ul	95
19) Fluoranthene	19.267	202	7673	0.112	ng/ul#	93
20) Pyrene	19.629	202	8310	0.119	ng/ul	97
21) Benzo(a)anthracene	21.370	228	7451	0.121	ng/ul	98
22) Chrysene	21.423	228	9085	0.129	ng/ul	98
24) Benzo(b)fluoranthene	23.013	252	9538	0.124	ng/ul	73
25) Benzo(k)fluoranthene	23.059	252	8928	0.120	ng/ul#	72
26) Benzo(a)pyrene	23.621	252	7688	0.124	ng/ul#	61
27) Indeno(1,2,3-cd)pyrene	26.144	276	9961	0.115	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.157	278	7527	0.110	ng/ul#	79
29) Benzo(g,h,i)perylene	26.882	276	8890	0.117	ng/ul	93

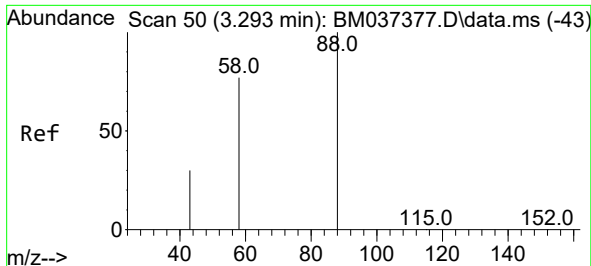
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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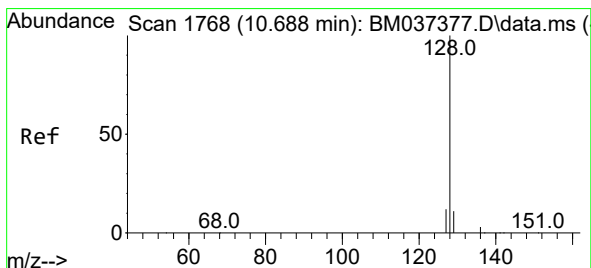
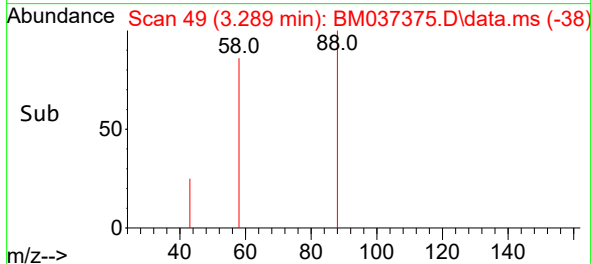
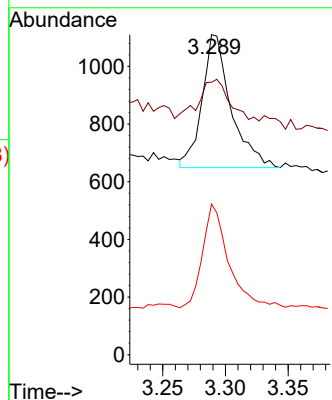
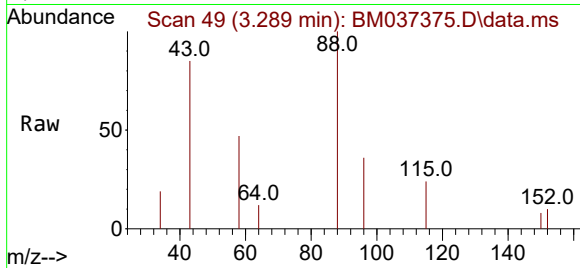




#2
1,4-Dioxane
Concen: 0.110 ng/ul
RT: 3.289 min Scan# 49
Delta R.T. -0.004 min
Lab File: BM037375.D
Acq: 05 Nov 2022 13:40

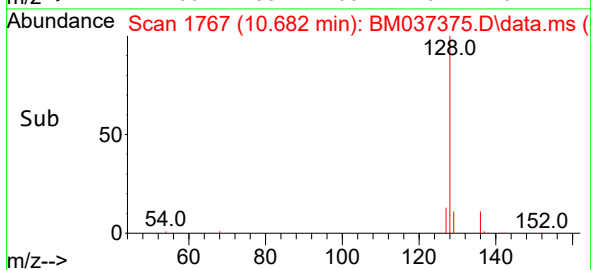
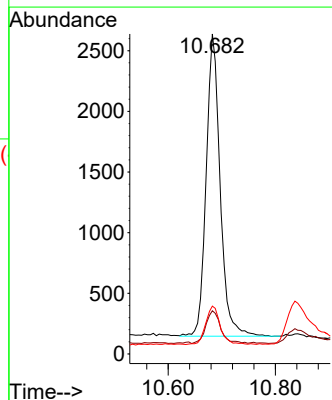
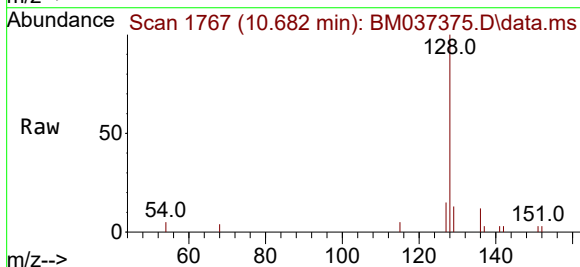
Instrument :
BNA_M
ClientSampleId :
SSTD0.1036

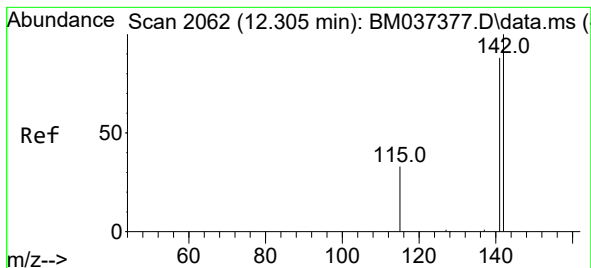
Tgt Ion: 88 Resp: 739
Ion Ratio Lower Upper
88 100
43 85.1 39.9 59.9#
58 47.1 50.2 75.2#



#5
Naphthalene
Concen: 0.096 ng/ul
RT: 10.682 min Scan# 1767
Delta R.T. -0.006 min
Lab File: BM037375.D
Acq: 05 Nov 2022 13:40

Tgt Ion: 128 Resp: 4522
Ion Ratio Lower Upper
128 100
129 13.5 9.2 13.8
127 15.0 10.2 15.4

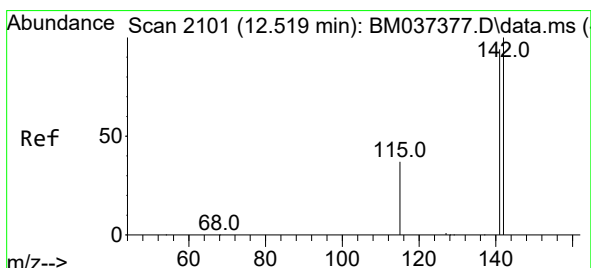
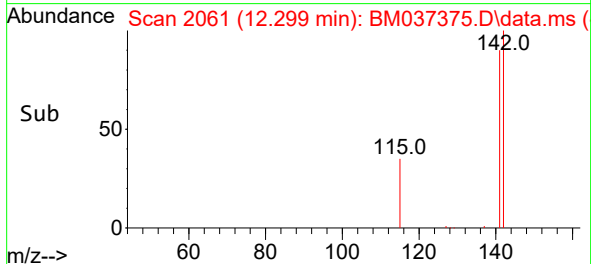
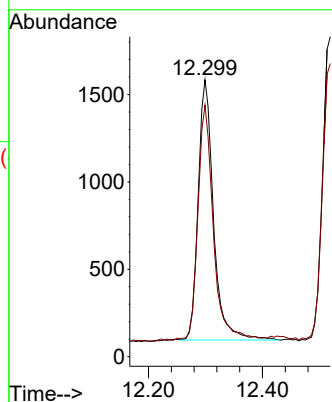
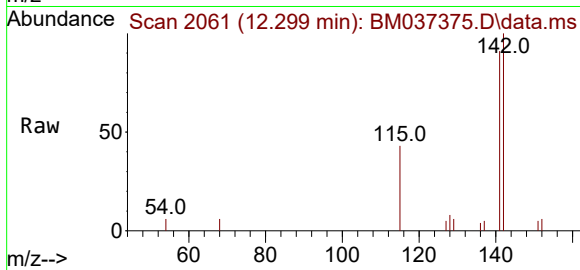




#7
2-Methylnaphthalene
Concen: 0.099 ng/ul
RT: 12.299 min Scan# 2061
Delta R.T. -0.006 min
Lab File: BM037375.D
Acq: 05 Nov 2022 13:40

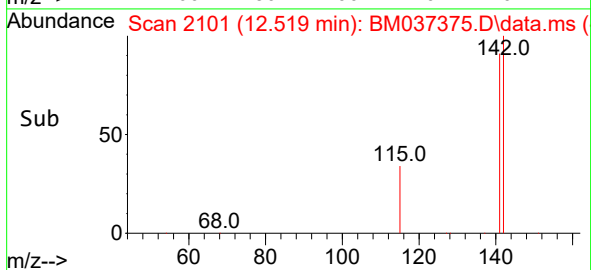
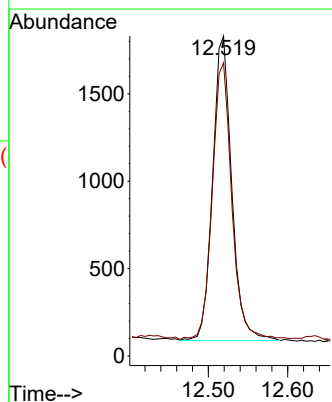
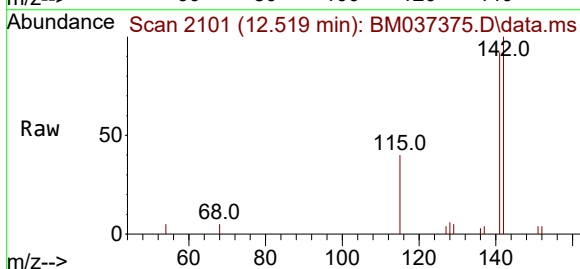
Instrument :
BNA_M
ClientSampleId :
SSTD0.1036

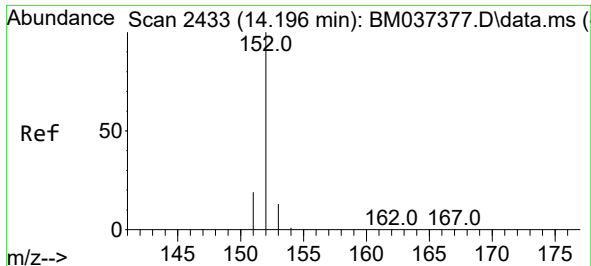
Tgt Ion:142 Resp: 2789
Ion Ratio Lower Upper
142 100
141 91.1 70.6 105.8



#8
1-Methylnaphthalene
Concen: 0.101 ng/ul
RT: 12.519 min Scan# 2101
Delta R.T. -0.000 min
Lab File: BM037375.D
Acq: 05 Nov 2022 13:40

Tgt Ion:142 Resp: 2913
Ion Ratio Lower Upper
142 100
141 92.6 73.9 110.9

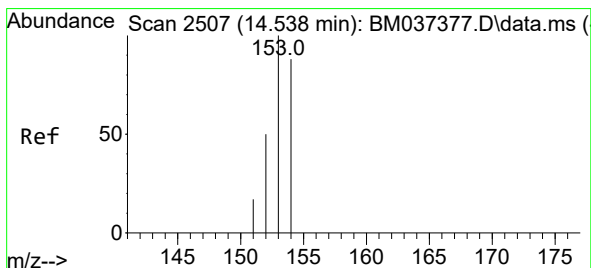
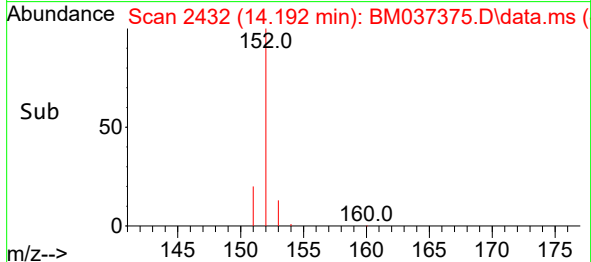
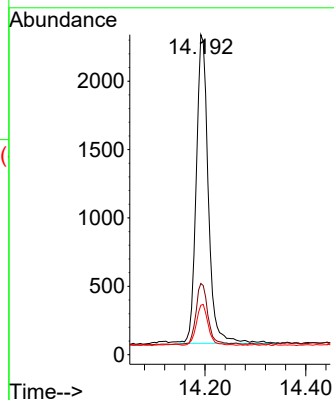
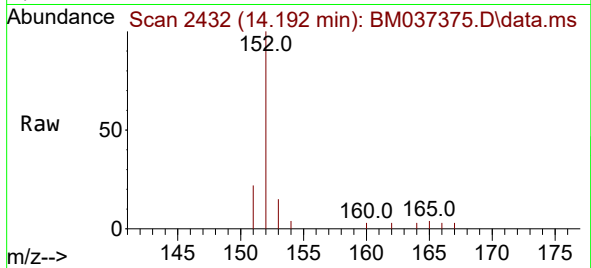




#10
Acenaphthylene
Concen: 0.097 ng/ul
RT: 14.192 min Scan# 2432
Delta R.T. -0.004 min
Lab File: BM037375.D
Acq: 05 Nov 2022 13:40

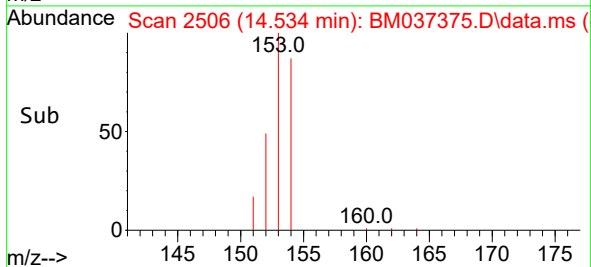
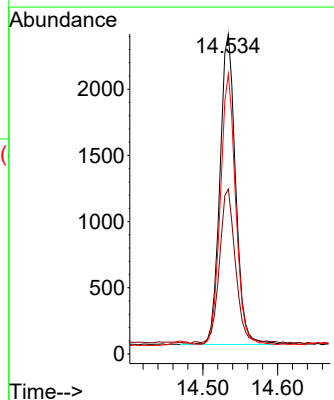
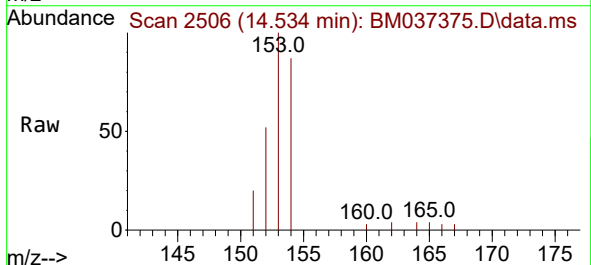
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ClientSampleId :
SSTD0.1036

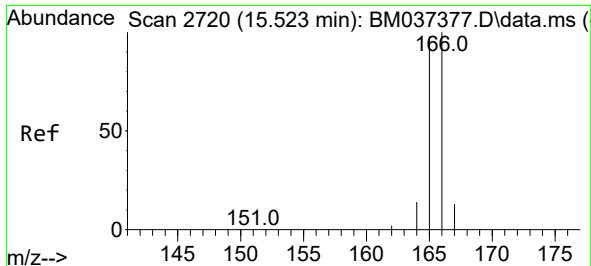
Tgt Ion:152 Resp: 3740
Ion Ratio Lower Upper
152 100
151 22.3 16.1 24.1
153 15.5 11.0 16.4



#11
Acenaphthene
Concen: 0.098 ng/ul
RT: 14.534 min Scan# 2506
Delta R.T. -0.004 min
Lab File: BM037375.D
Acq: 05 Nov 2022 13:40

Tgt Ion:153 Resp: 3431
Ion Ratio Lower Upper
153 100
152 51.5 40.2 60.4
154 87.4 70.4 105.6

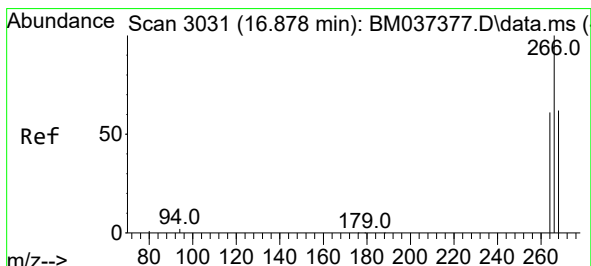
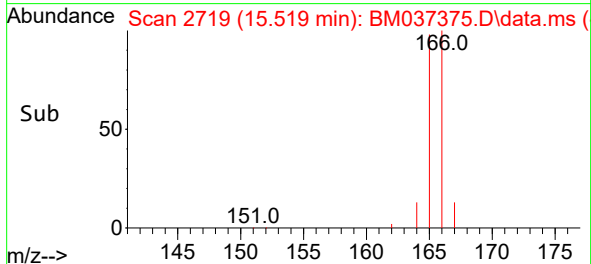
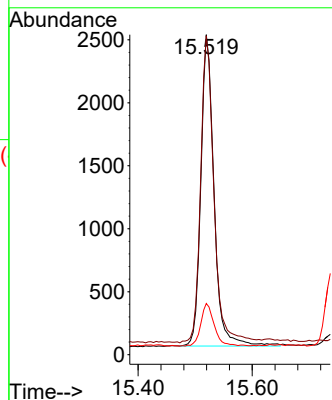
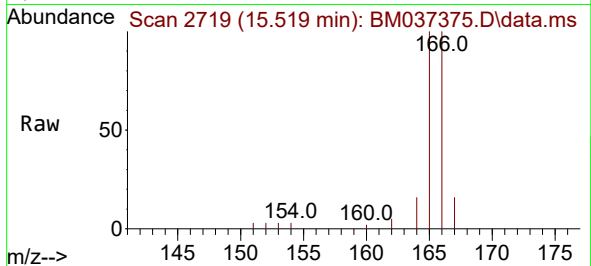




#12
Fluorene
Concen: 0.097 ng/ul
RT: 15.519 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM037375.D
Acq: 05 Nov 2022 13:40

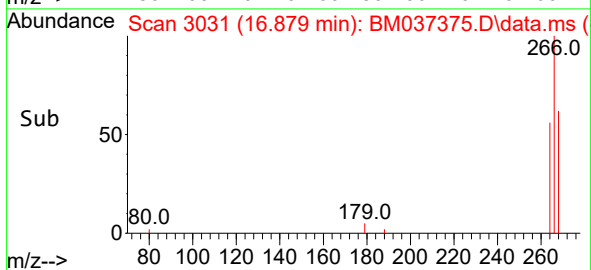
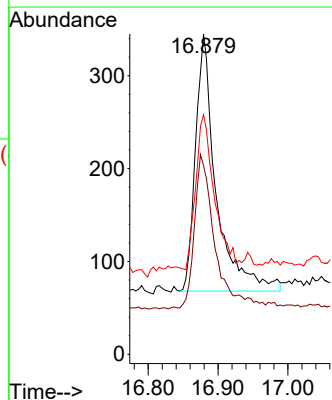
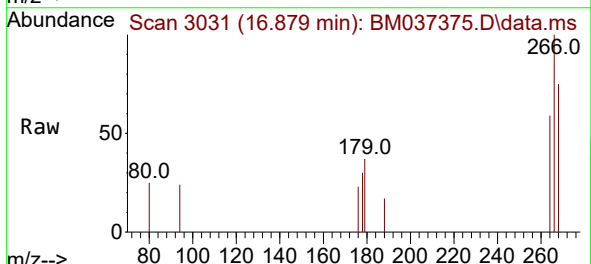
Instrument :
BNA_M
ClientSampleId :
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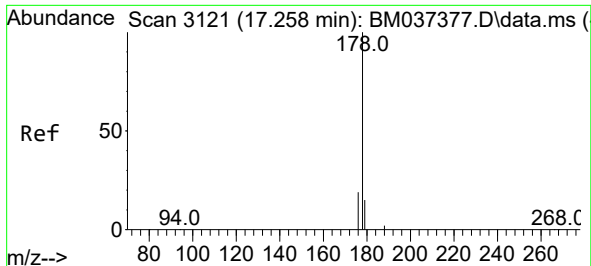
Tgt Ion:166 Resp: 3966
Ion Ratio Lower Upper
166 100
165 99.6 79.0 118.4
167 16.0 11.1 16.7



#14
Pentachlorophenol
Concen: 0.124 ng/ul
RT: 16.879 min Scan# 3031
Delta R.T. 0.001 min
Lab File: BM037375.D
Acq: 05 Nov 2022 13:40

Tgt Ion:266 Resp: 570
Ion Ratio Lower Upper
266 100
264 59.1 49.9 74.9
268 54.4 51.9 77.9

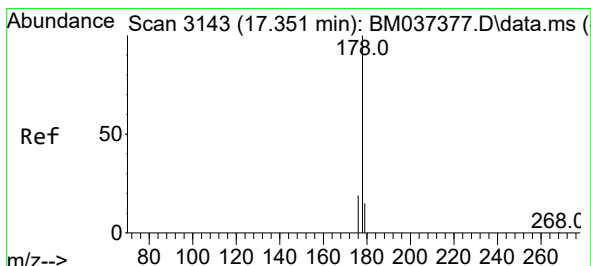
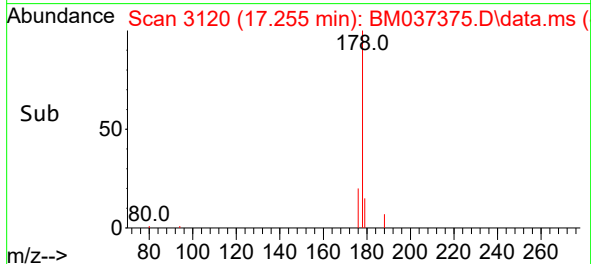
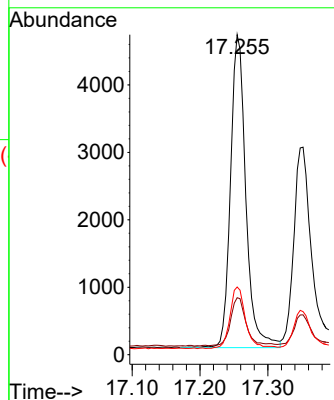
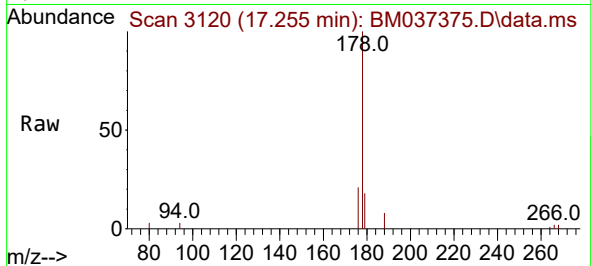




#15
Phenanthrene
Concen: 0.113 ng/ul
RT: 17.255 min Scan# 3120
Delta R.T. -0.004 min
Lab File: BM037375.D
Acq: 05 Nov 2022 13:40

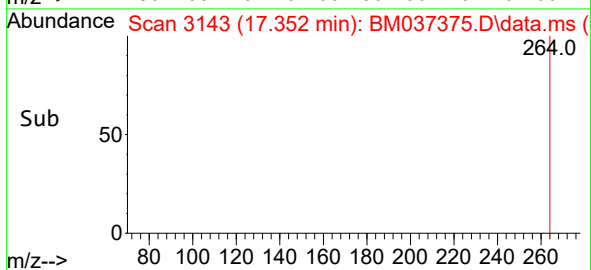
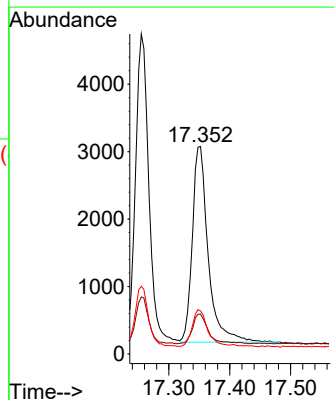
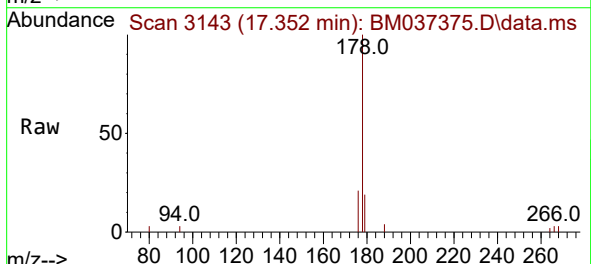
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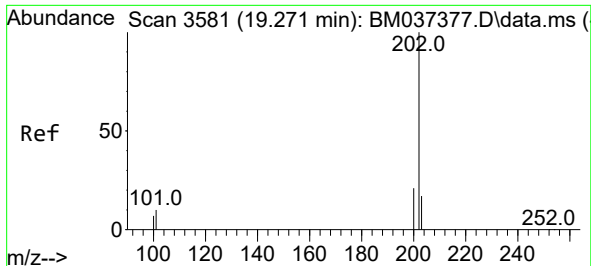
Tgt Ion:178 Resp: 7275
Ion Ratio Lower Upper
178 100
179 17.8 12.9 19.3
176 21.1 16.0 24.0



#16
Anthracene
Concen: 0.104 ng/ul
RT: 17.352 min Scan# 3143
Delta R.T. 0.001 min
Lab File: BM037375.D
Acq: 05 Nov 2022 13:40

Tgt Ion:178 Resp: 5267
Ion Ratio Lower Upper
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179 19.2 13.0 19.4
176 20.8 15.5 23.3

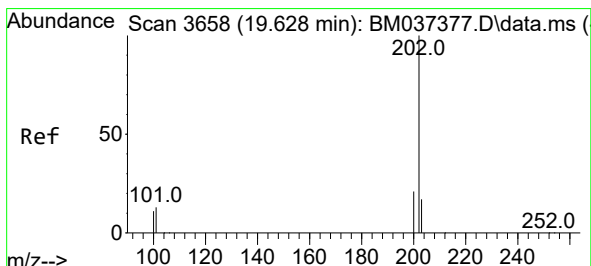
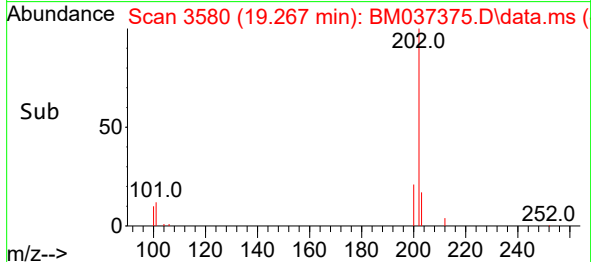
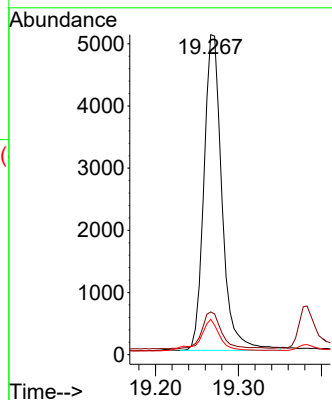
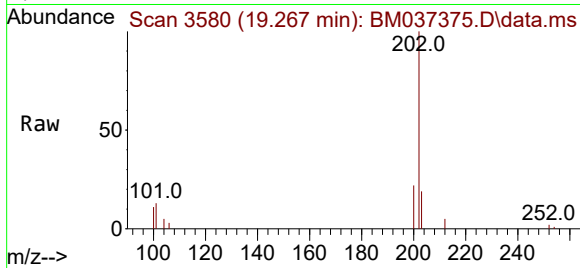




#19
Fluoranthene
Concen: 0.112 ng/ul
RT: 19.267 min Scan# 3580
Delta R.T. -0.004 min
Lab File: BM037375.D
Acq: 05 Nov 2022 13:40

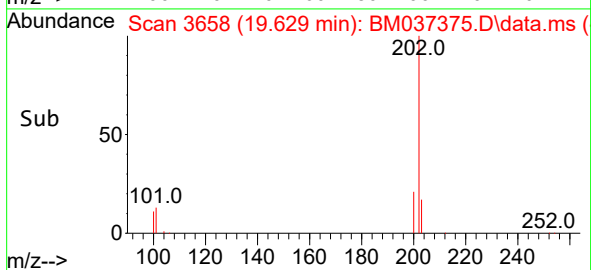
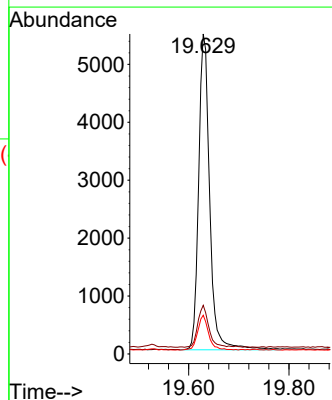
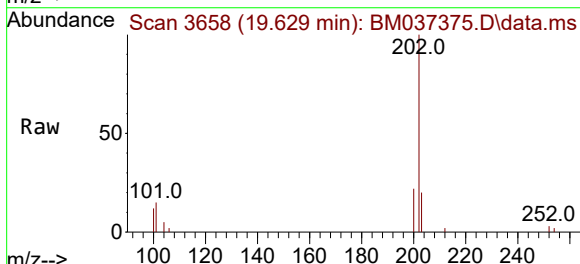
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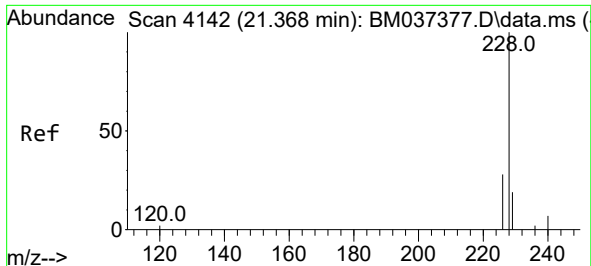
Tgt Ion:202 Resp: 7673
Ion Ratio Lower Upper
202 100
101 13.4 8.7 13.1#
100 11.1 6.6 10.0#



#20
Pyrene
Concen: 0.119 ng/ul
RT: 19.629 min Scan# 3658
Delta R.T. 0.001 min
Lab File: BM037375.D
Acq: 05 Nov 2022 13:40

Tgt Ion:202 Resp: 8310
Ion Ratio Lower Upper
202 100
101 15.2 11.1 16.7
100 12.1 9.0 13.4

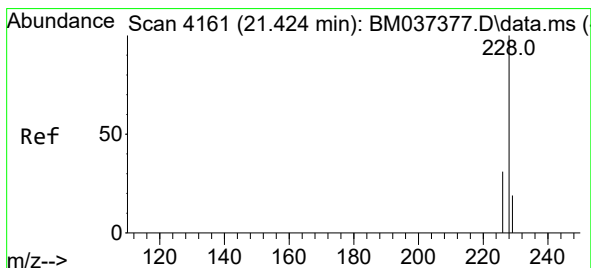
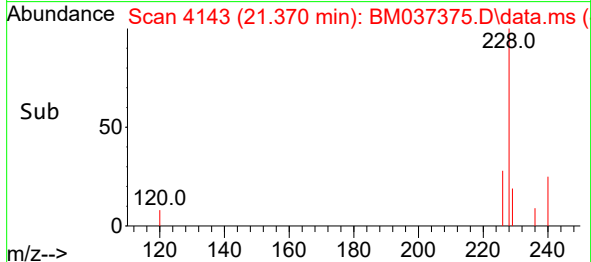
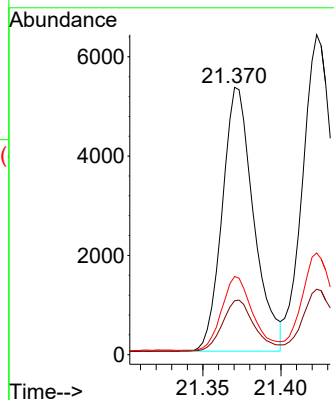
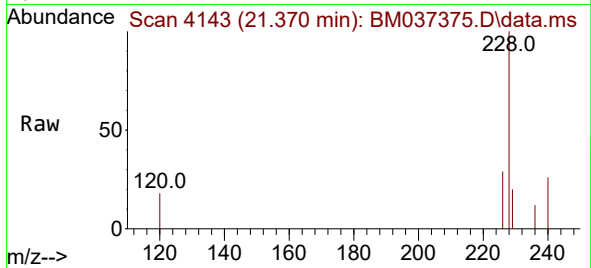




#21
Benzo(a)anthracene
Concen: 0.121 ng/ul
RT: 21.370 min Scan# 4142
Delta R.T. 0.002 min
Lab File: BM037375.D
Acq: 05 Nov 2022 13:40

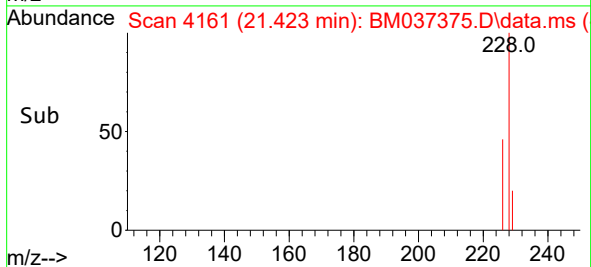
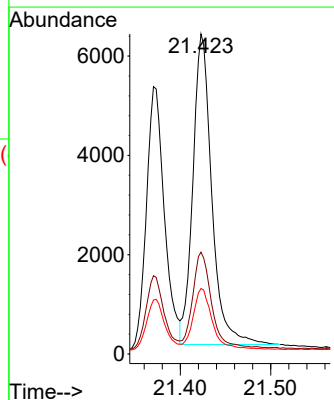
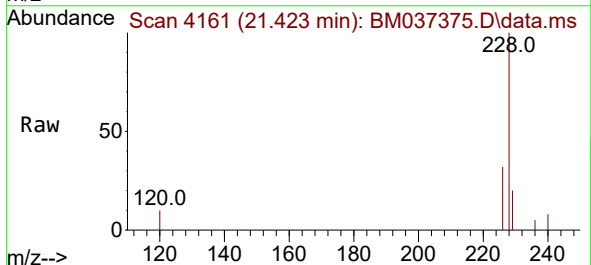
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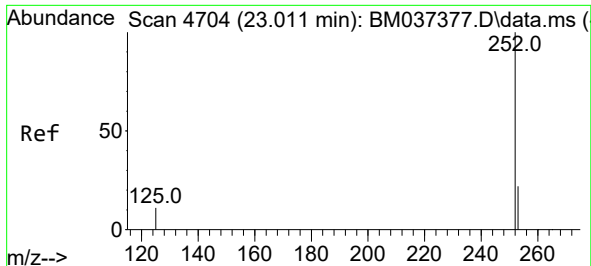
Tgt Ion:228 Resp: 7451
Ion Ratio Lower Upper
228 100
229 20.2 15.7 23.5
226 29.3 22.6 33.8



#22
Chrysene
Concen: 0.129 ng/ul
RT: 21.423 min Scan# 4161
Delta R.T. -0.001 min
Lab File: BM037375.D
Acq: 05 Nov 2022 13:40

Tgt Ion:228 Resp: 9085
Ion Ratio Lower Upper
228 100
226 31.8 24.8 37.2
229 20.4 15.6 23.4

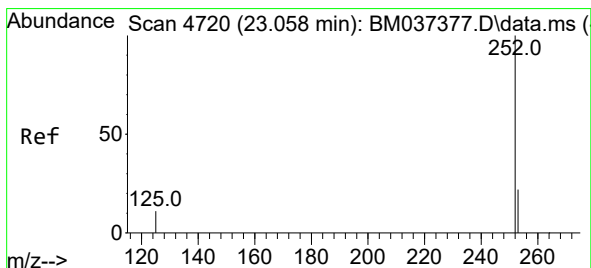
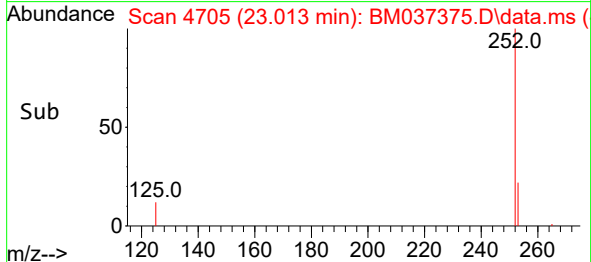
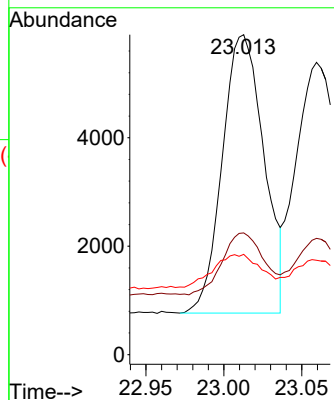
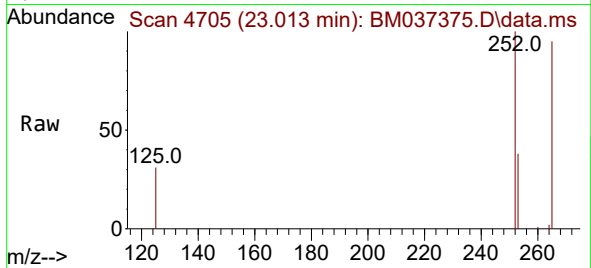




#24
Benzo(b)fluoranthene
Concen: 0.124 ng/ul
RT: 23.013 min Scan# 4704
Delta R.T. 0.002 min
Lab File: BM037375.D
Acq: 05 Nov 2022 13:40

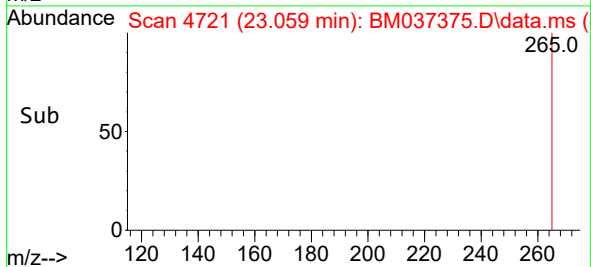
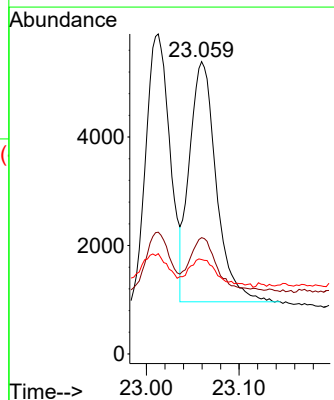
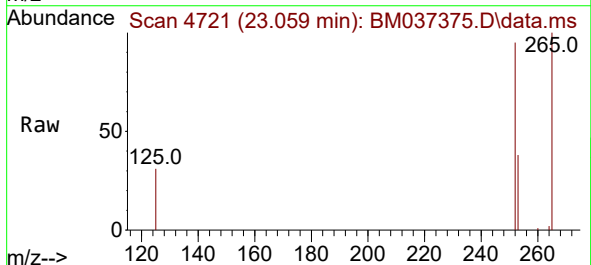
Instrument :
BNA_M
ClientSampleId :
SSTD0.1036

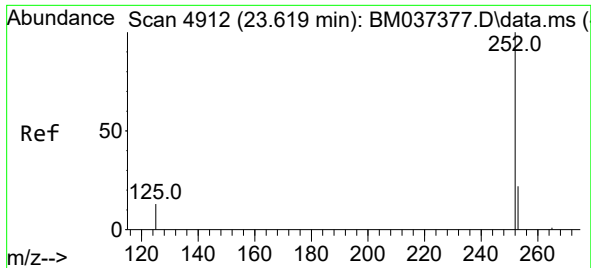
Tgt Ion:252 Resp: 9538
Ion Ratio Lower Upper
252 100
253 38.0 0.0 52.6
125 31.4 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.120 ng/ul
RT: 23.059 min Scan# 4721
Delta R.T. 0.002 min
Lab File: BM037375.D
Acq: 05 Nov 2022 13:40

Tgt Ion:252 Resp: 8928
Ion Ratio Lower Upper
252 100
253 39.8 21.6 32.4#
125 32.3 13.8 20.8#

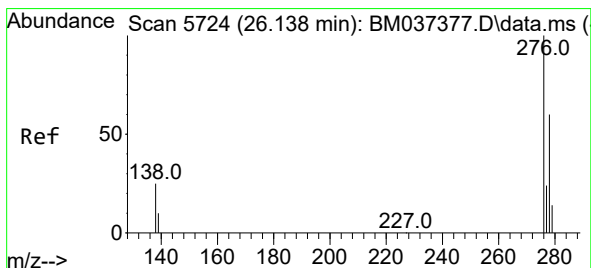
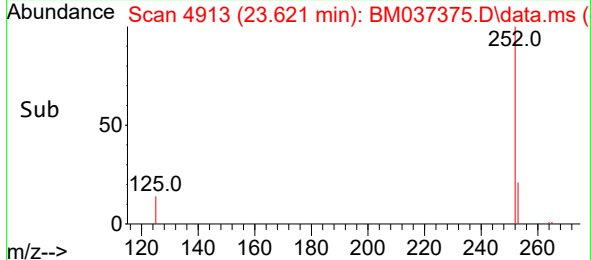
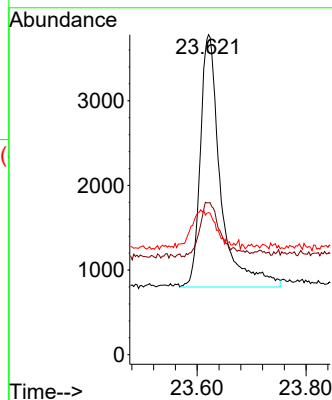
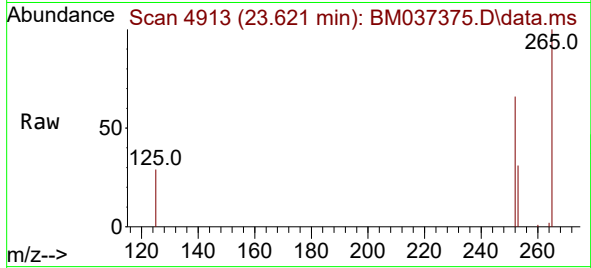




#26
Benzo(a)pyrene
Concen: 0.124 ng/ul
RT: 23.621 min Scan# 4912
Delta R.T. 0.002 min
Lab File: BM037375.D
Acq: 05 Nov 2022 13:40

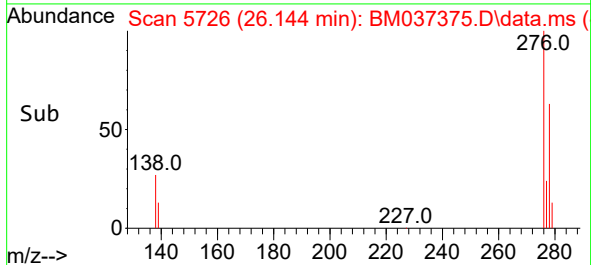
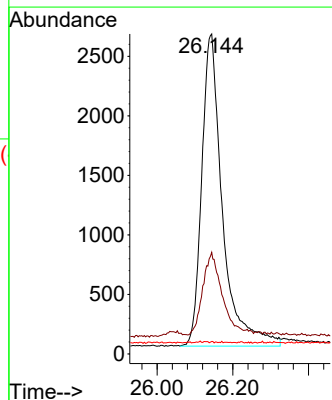
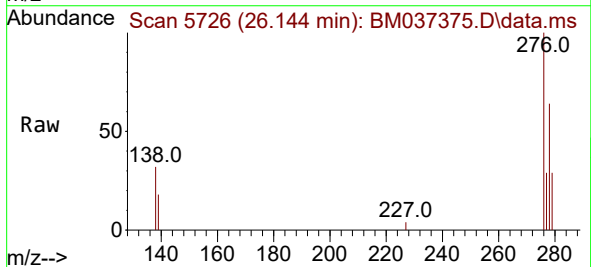
Instrument :
BNA_M
ClientSampleId :
SSTD0.1036

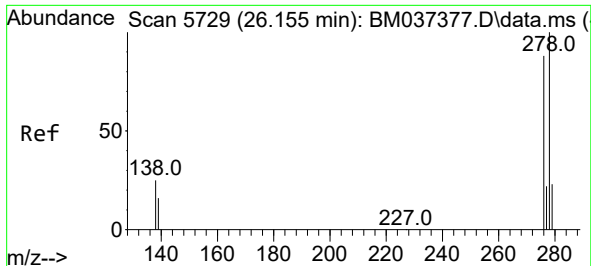
Tgt Ion:252 Resp: 7688
Ion Ratio Lower Upper
252 100
253 47.4 23.8 35.6#
125 44.4 17.2 25.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.115 ng/ul
RT: 26.144 min Scan# 5726
Delta R.T. 0.006 min
Lab File: BM037375.D
Acq: 05 Nov 2022 13:40

Tgt Ion:276 Resp: 9961
Ion Ratio Lower Upper
276 100
138 25.8 20.8 31.2
227 0.1 0.1 0.1#

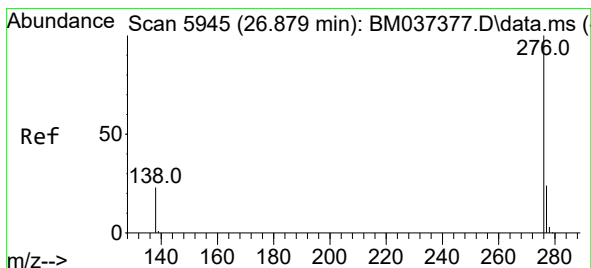
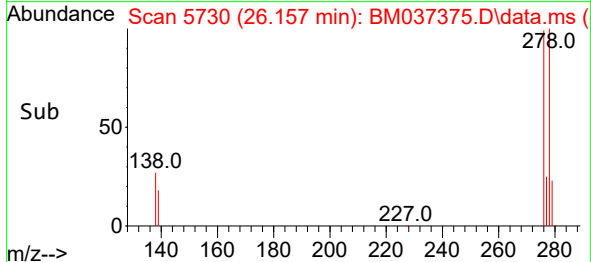
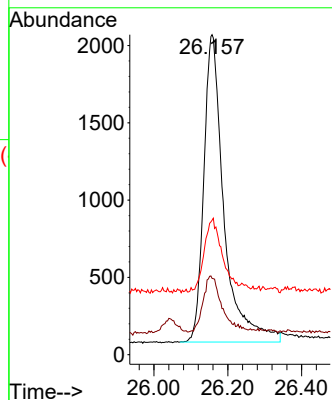
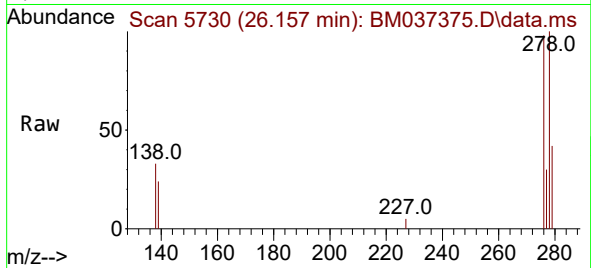




#28
Dibenzo(a,h)anthracene
Concen: 0.110 ng/ul
RT: 26.157 min Scan# 51
Delta R.T. 0.002 min
Lab File: BM037375.D
Acq: 05 Nov 2022 13:40

Instrument :
BNA_M
ClientSampleId :
SSTD0.1036

Tgt Ion:278 Resp: 7527
Ion Ratio Lower Upper
278 100
139 23.9 15.2 22.8#
279 42.0 22.2 33.2#



#29
Benzo(g,h,i)perylene
Concen: 0.117 ng/ul
RT: 26.882 min Scan# 5946
Delta R.T. 0.002 min
Lab File: BM037375.D
Acq: 05 Nov 2022 13:40

Tgt Ion:276 Resp: 8890
Ion Ratio Lower Upper
276 100
138 28.8 19.6 29.4
277 27.9 20.1 30.1

