

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072922\
 Data File : BN020922.D
 Acq On : 29 Jul 2022 15:02
 Operator : CG/JU
 Sample : PB146499BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS499

Quant Time: Jul 29 17:46:34 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 18:06:54 2022
 Response via : Initial Calibration

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

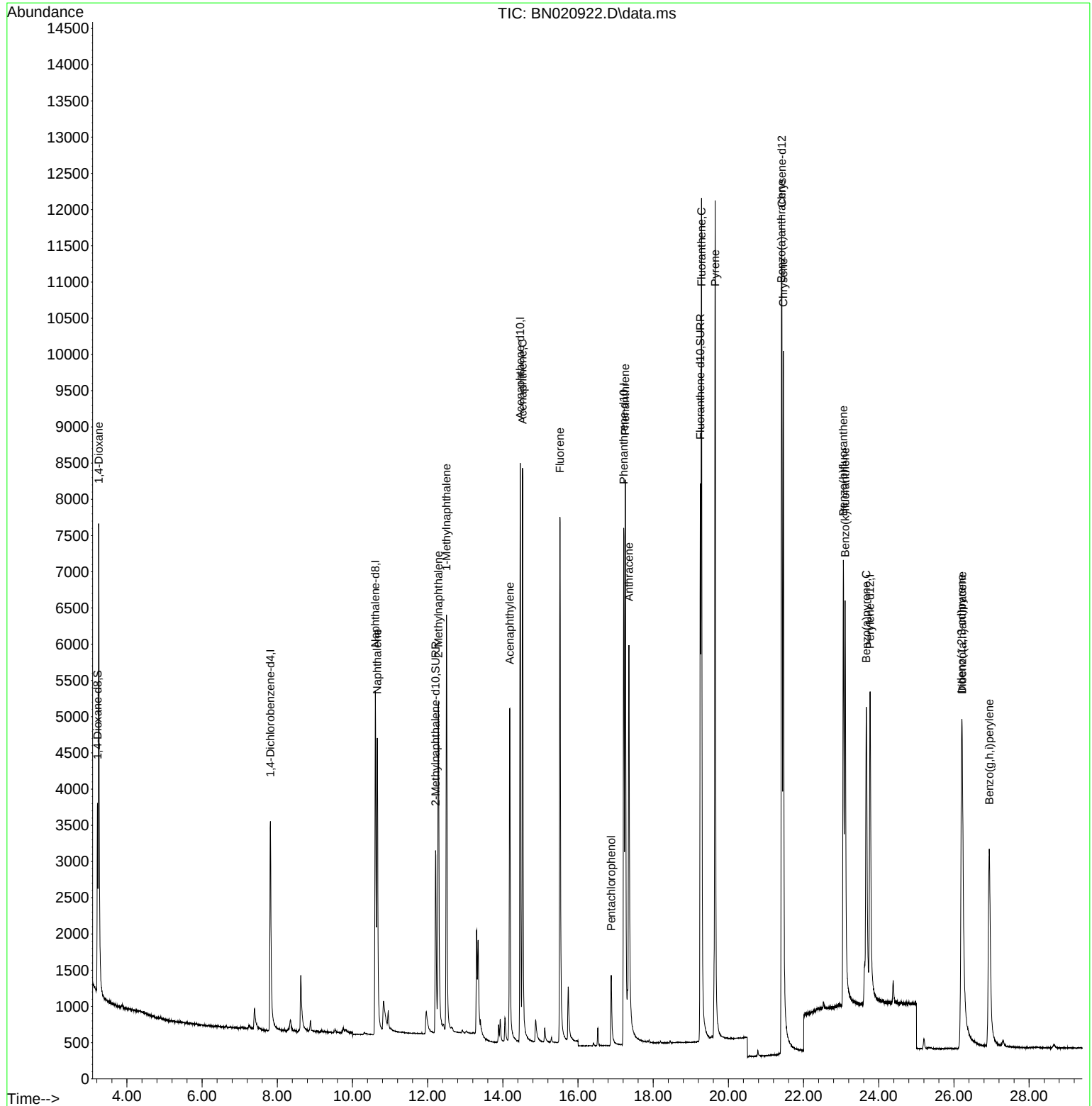
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	2165	0.400	ng/ul	0.00
4) Naphthalene-d8	10.611	136	7761	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.464	164	4927	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.216	188	10289	0.400	ng/ul	0.00
17) Chrysene-d12	21.424	240	8271	0.400	ng/ul	0.00
23) Perylene-d12	23.768	264	6681	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.218	96	1795	0.690	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.211	152	4228	0.359	ng/ul	0.00
18) Fluoranthene-d10	19.252	212	10167	0.385	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	4307	1.611	ng/ul#	82
5) Naphthalene	10.660	128	6584	0.271	ng/ul	99
7) 2-Methylnaphthalene	12.288	142	4251	0.277	ng/ul	99
8) 1-Methylnaphthalene	12.502	142	4631	0.311	ng/ul	100
10) Acenaphthylene	14.186	152	6579	0.268	ng/ul	100
11) Acenaphthene	14.524	153	5189	0.262	ng/ul	100
12) Fluorene	15.518	166	5820	0.268	ng/ul	99
14) Pentachlorophenol	16.882	266	892	0.576	ng/ul	99
15) Phenanthrene	17.258	178	9640	0.256	ng/ul	99
16) Anthracene	17.355	178	8003	0.265	ng/ul	99
19) Fluoranthene	19.284	202	11086	0.286	ng/ul	99
20) Pyrene	19.647	202	11467	0.284	ng/ul	98
21) Benzo(a)anthracene	21.412	228	7931	0.290	ng/ul	99
22) Chrysene	21.462	228	9623	0.274	ng/ul	99
24) Benzo(b)fluoranthene	23.057	252	8682	0.274	ng/ul	97
25) Benzo(k)fluoranthene	23.107	252	9069	0.277	ng/ul	98
26) Benzo(a)pyrene	23.668	252	7953	0.272	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.202	276	8100	0.264	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.222	278	6325	0.270	ng/ul	95
29) Benzo(g,h,i)perylene	26.940	276	7403	0.267	ng/ul	98

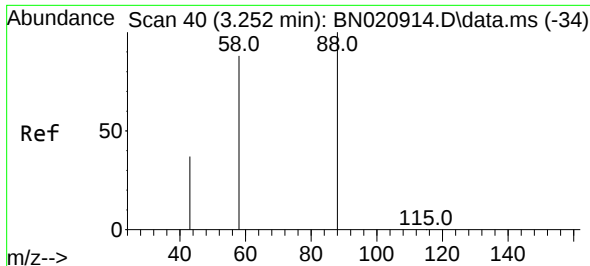
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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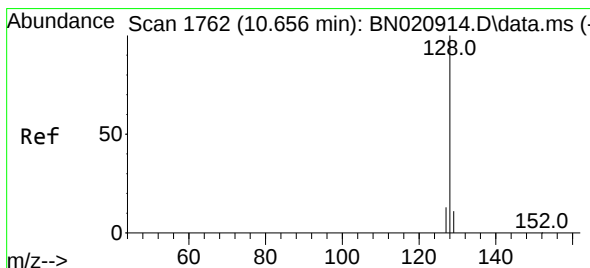
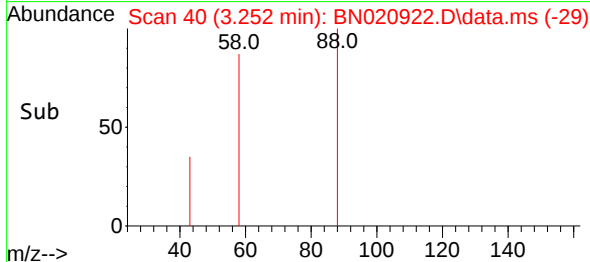
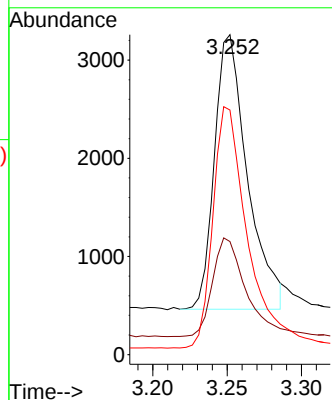
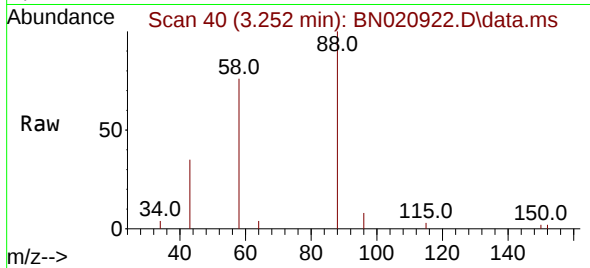




#2
1,4-Dioxane
Concen: 1.611 ng/ul
RT: 3.252 min Scan# 40
Delta R.T. -0.004 min
Lab File: BN020922.D
Acq: 29 Jul 2022 15:02

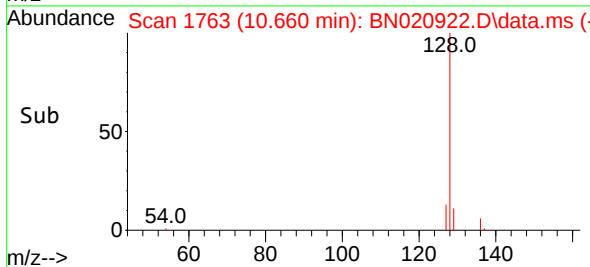
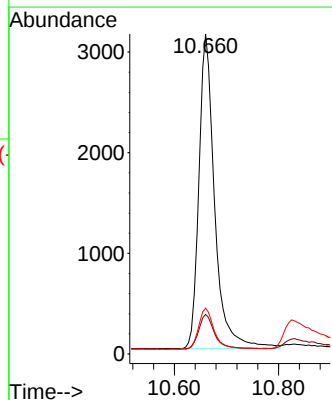
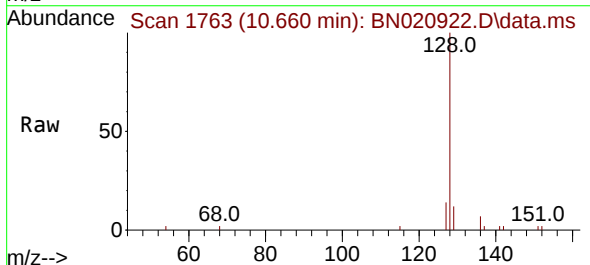
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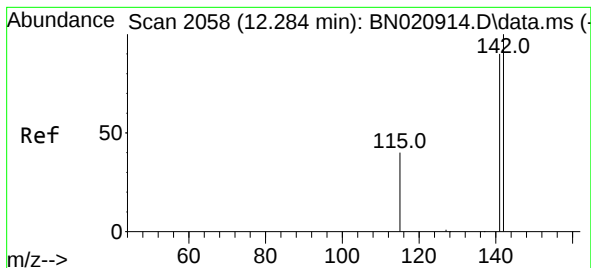
Tgt Ion: 88 Resp: 4307
Ion Ratio Lower Upper
88 100
43 35.3 32.5 48.7
58 76.5 46.2 69.2#



#5
Naphthalene
Concen: 0.271 ng/ul
RT: 10.660 min Scan# 1763
Delta R.T. -0.007 min
Lab File: BN020922.D
Acq: 29 Jul 2022 15:02

Tgt Ion: 128 Resp: 6584
Ion Ratio Lower Upper
128 100
129 12.4 9.5 14.3
127 14.3 11.3 16.9

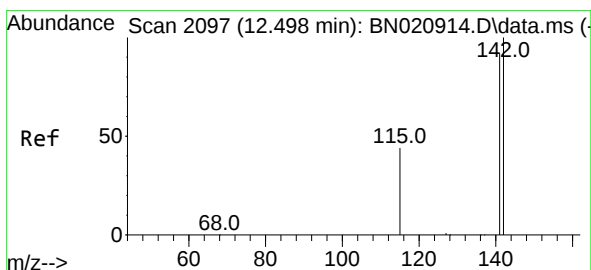
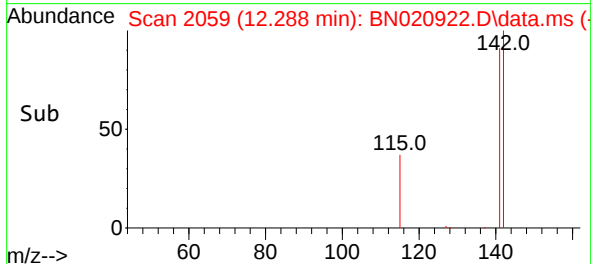
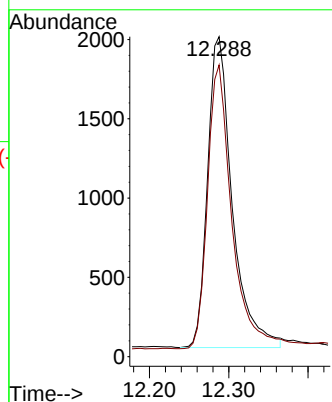
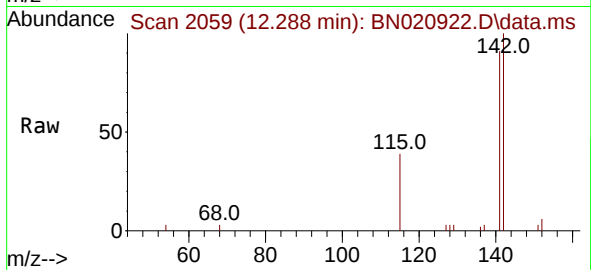




#7
2-Methylnaphthalene
Concen: 0.277 ng/ul
RT: 12.288 min Scan# 2058
Delta R.T. -0.007 min
Lab File: BN020922.D
Acq: 29 Jul 2022 15:02

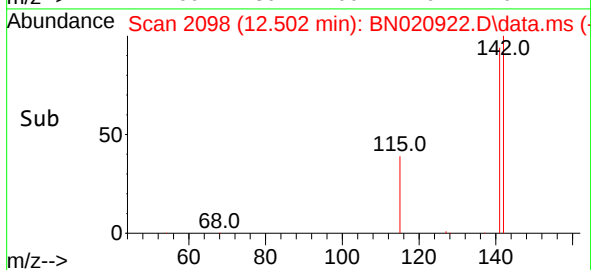
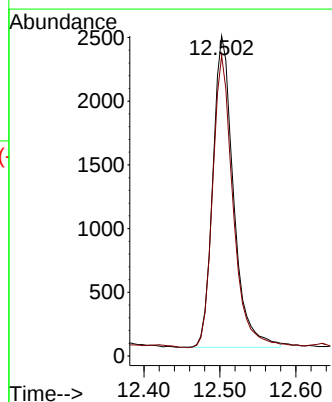
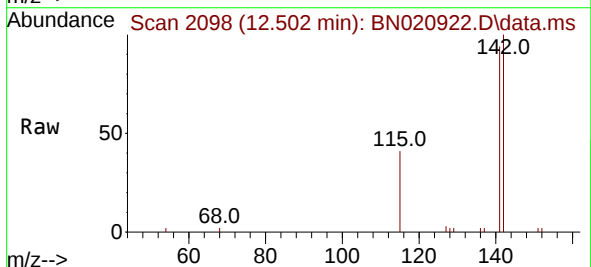
Instrument :
BNA_N
ClientSampleId :
SLCS499

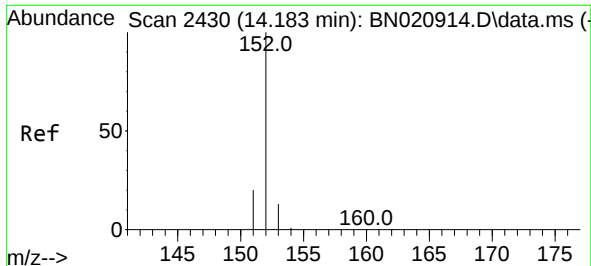
Tgt Ion:142 Resp: 4251
Ion Ratio Lower Upper
142 100
141 89.6 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.311 ng/ul
RT: 12.502 min Scan# 2098
Delta R.T. -0.007 min
Lab File: BN020922.D
Acq: 29 Jul 2022 15:02

Tgt Ion:142 Resp: 4631
Ion Ratio Lower Upper
142 100
141 92.5 73.7 110.5

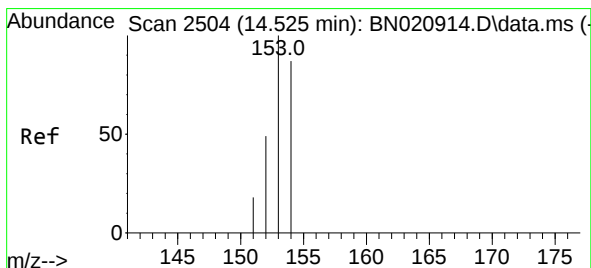
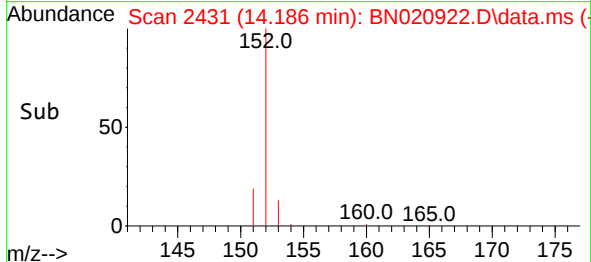
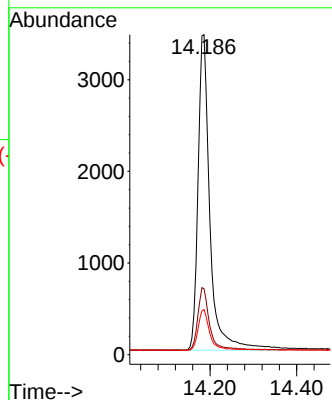
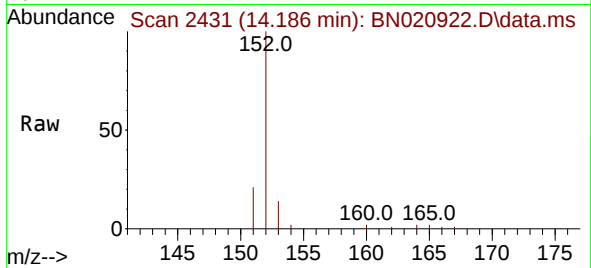




#10
Acenaphthylene
Concen: 0.268 ng/ul
RT: 14.186 min Scan# 2430
Delta R.T. -0.001 min
Lab File: BN020922.D
Acq: 29 Jul 2022 15:02

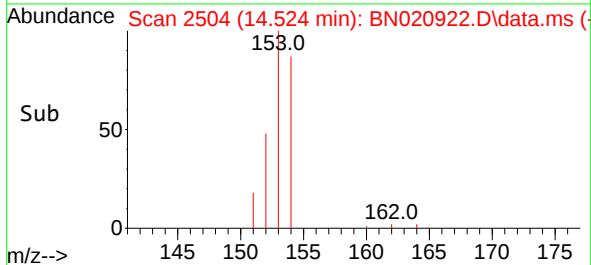
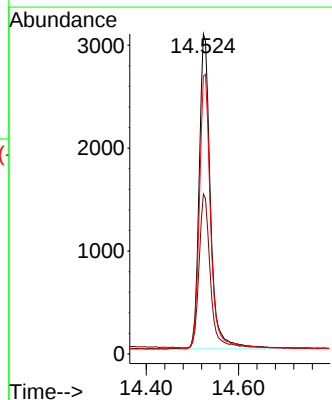
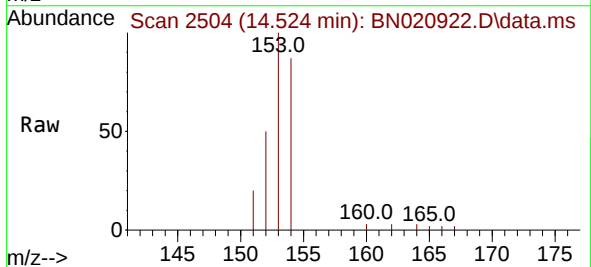
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ClientSampleId :
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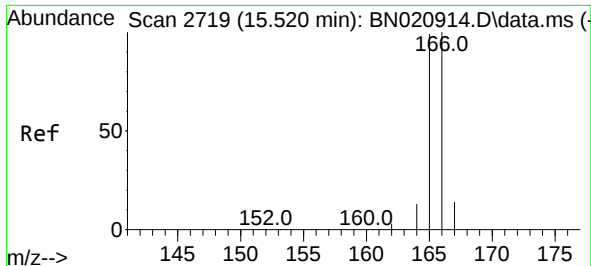
Tgt Ion:152 Resp: 6579
Ion Ratio Lower Upper
152 100
151 20.6 16.5 24.7
153 14.1 11.1 16.7



#11
Acenaphthene
Concen: 0.262 ng/ul
RT: 14.524 min Scan# 2504
Delta R.T. -0.006 min
Lab File: BN020922.D
Acq: 29 Jul 2022 15:02

Tgt Ion:153 Resp: 5189
Ion Ratio Lower Upper
153 100
152 50.0 40.0 60.0
154 86.9 70.0 105.0

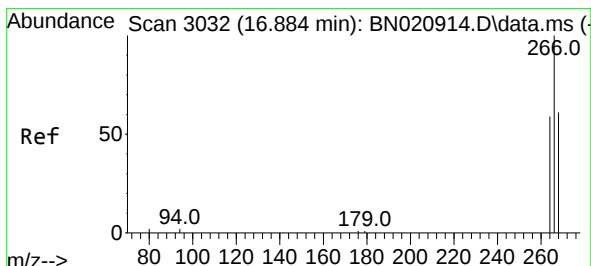
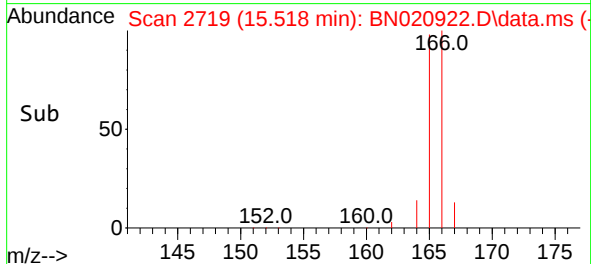
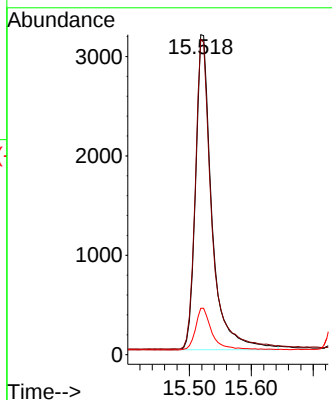
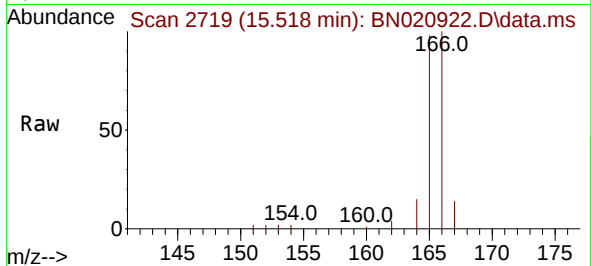




#12
 Fluorene
 Concen: 0.268 ng/ul
 RT: 15.518 min Scan# 2719
 Delta R.T. -0.006 min
 Lab File: BN020922.D
 Acq: 29 Jul 2022 15:02

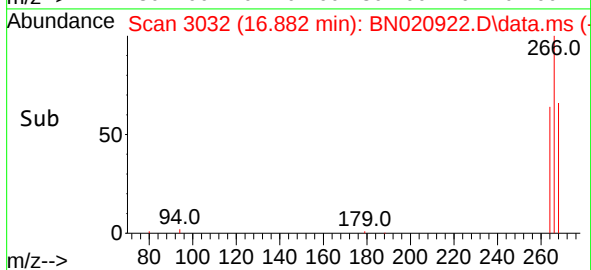
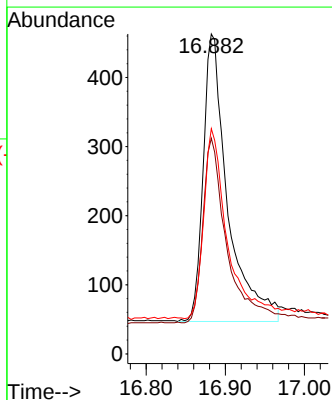
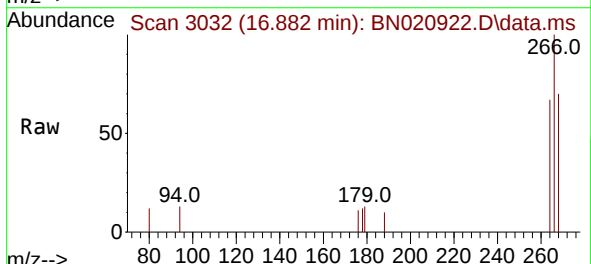
Instrument :
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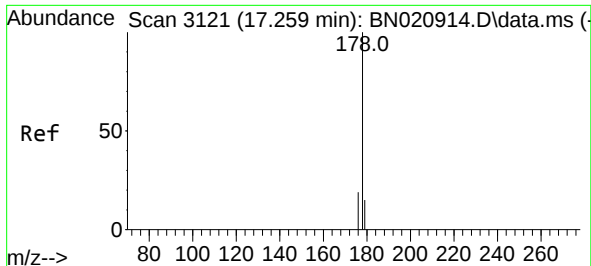
Tgt Ion:166 Resp: 5820
 Ion Ratio Lower Upper
 166 100
 165 98.5 78.2 117.2
 167 14.5 11.3 16.9



#14
 Pentachlorophenol
 Concen: 0.576 ng/ul
 RT: 16.882 min Scan# 3032
 Delta R.T. -0.010 min
 Lab File: BN020922.D
 Acq: 29 Jul 2022 15:02

Tgt Ion:266 Resp: 892
 Ion Ratio Lower Upper
 266 100
 264 63.3 51.6 77.4
 268 64.8 51.5 77.3

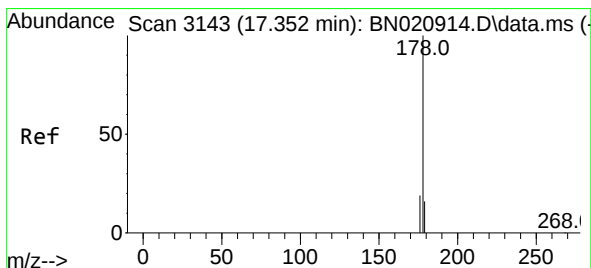
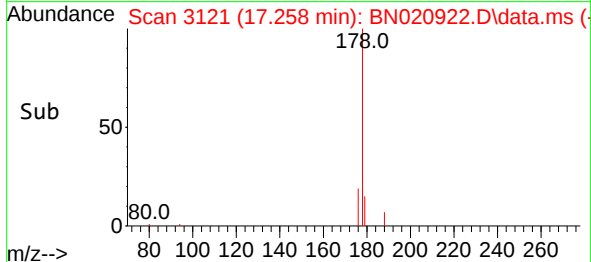
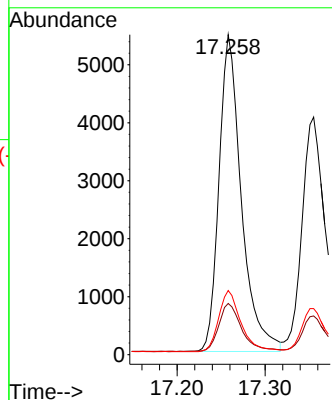
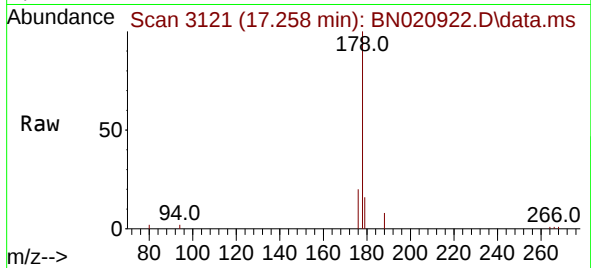




#15
Phenanthrene
Concen: 0.256 ng/ul
RT: 17.258 min Scan# 3121
Delta R.T. -0.005 min
Lab File: BN020922.D
Acq: 29 Jul 2022 15:02

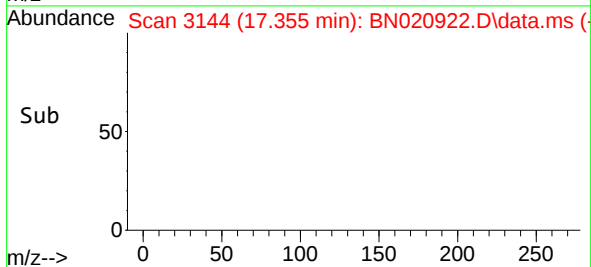
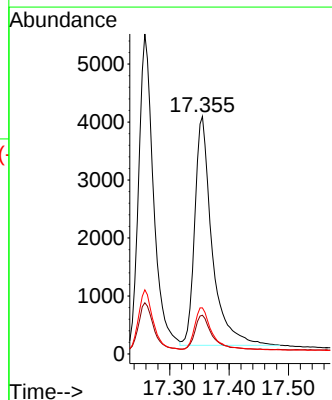
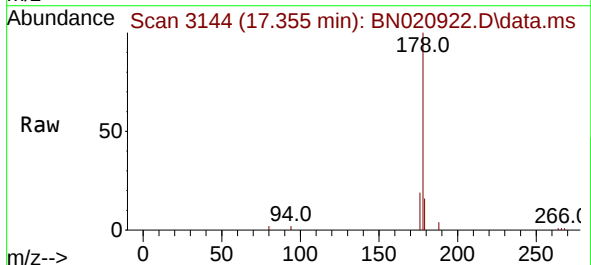
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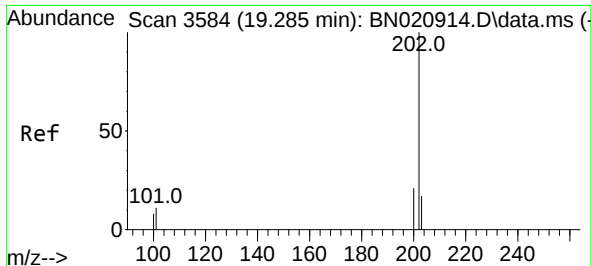
Tgt Ion:178 Resp: 9640
Ion Ratio Lower Upper
178 100
179 16.0 12.6 18.8
176 20.0 15.8 23.6



#16
Anthracene
Concen: 0.265 ng/ul
RT: 17.355 min Scan# 3144
Delta R.T. -0.001 min
Lab File: BN020922.D
Acq: 29 Jul 2022 15:02

Tgt Ion:178 Resp: 8003
Ion Ratio Lower Upper
178 100
179 16.3 12.8 19.2
176 19.4 15.2 22.8

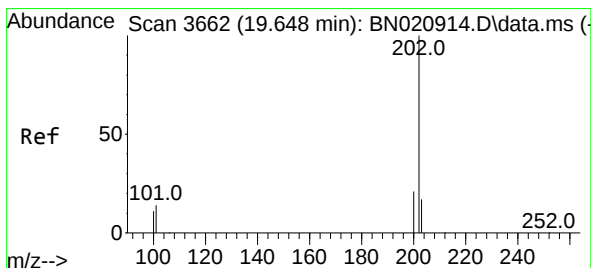
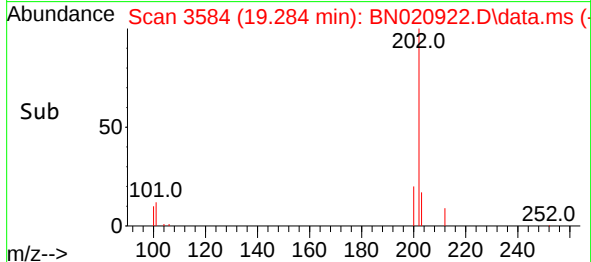
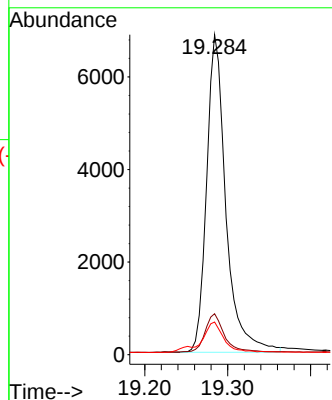
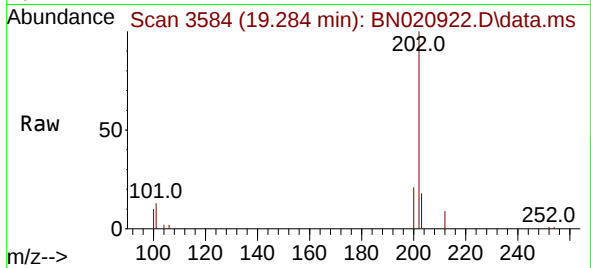




#19
Fluoranthene
Concen: 0.286 ng/ul
RT: 19.284 min Scan# 3584
Delta R.T. -0.006 min
Lab File: BN020922.D
Acq: 29 Jul 2022 15:02

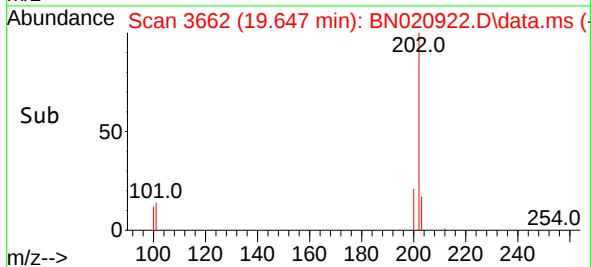
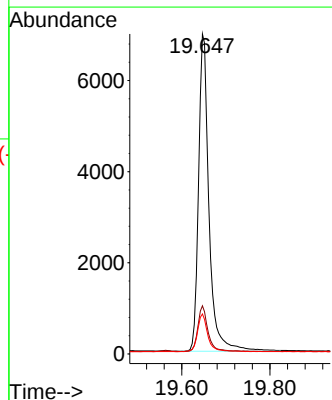
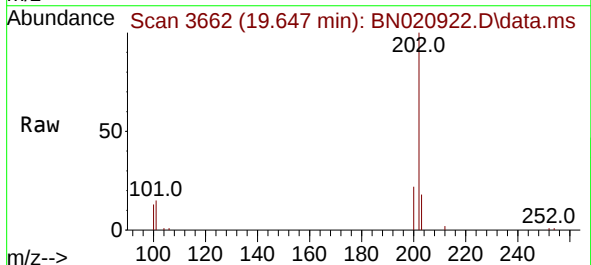
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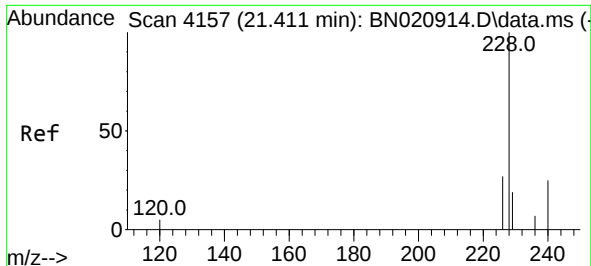
Tgt Ion:202 Resp: 11086
Ion Ratio Lower Upper
202 100
101 12.8 10.3 15.5
100 10.2 7.8 11.6



#20
Pyrene
Concen: 0.284 ng/ul
RT: 19.647 min Scan# 3662
Delta R.T. -0.006 min
Lab File: BN020922.D
Acq: 29 Jul 2022 15:02

Tgt Ion:202 Resp: 11467
Ion Ratio Lower Upper
202 100
101 15.1 11.6 17.4
100 12.5 9.2 13.8

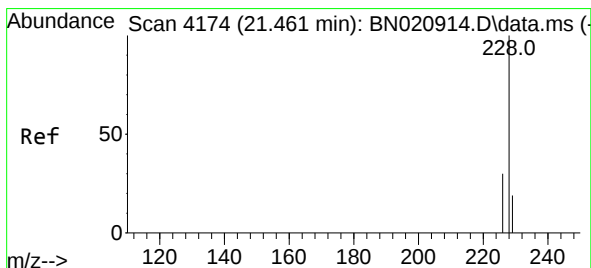
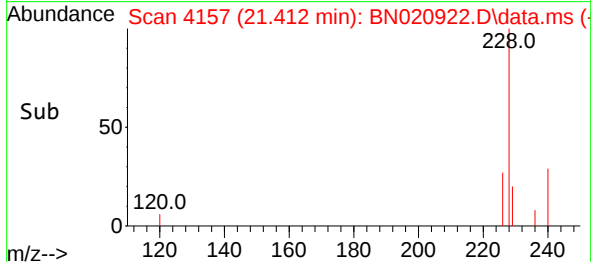
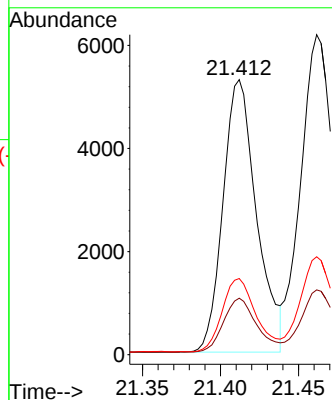
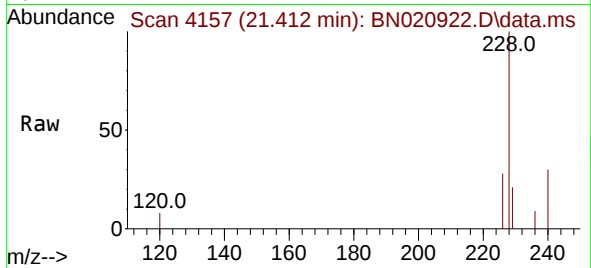




#21
Benzo(a)anthracene
Concen: 0.290 ng/ul
RT: 21.412 min Scan# 4157
Delta R.T. -0.004 min
Lab File: BN020922.D
Acq: 29 Jul 2022 15:02

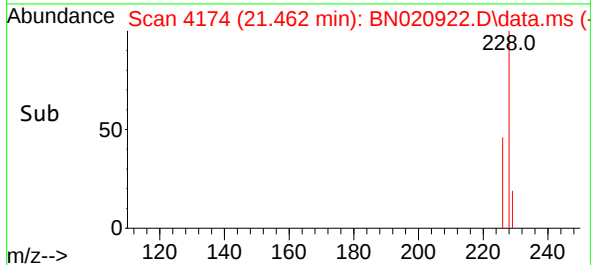
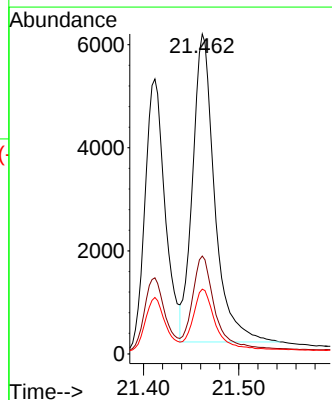
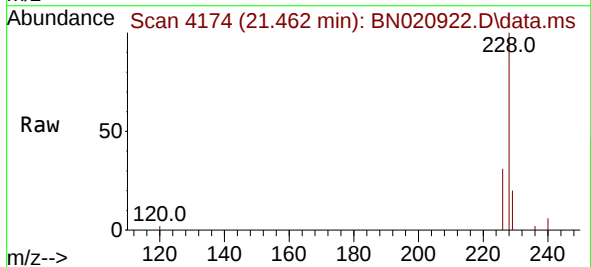
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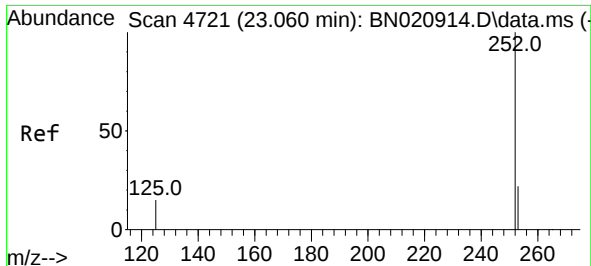
Tgt Ion:228 Resp: 7931
Ion Ratio Lower Upper
228 100
229 20.5 15.9 23.9
226 27.7 22.2 33.2



#22
Chrysene
Concen: 0.274 ng/ul
RT: 21.462 min Scan# 4174
Delta R.T. -0.004 min
Lab File: BN020922.D
Acq: 29 Jul 2022 15:02

Tgt Ion:228 Resp: 9623
Ion Ratio Lower Upper
228 100
226 30.6 23.9 35.9
229 20.3 15.8 23.8

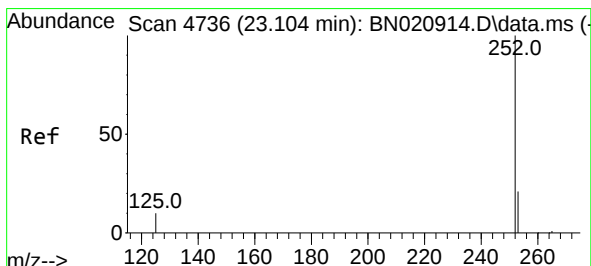
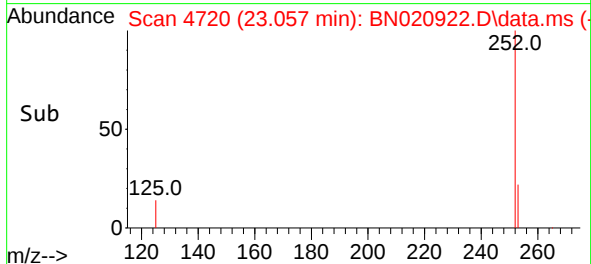
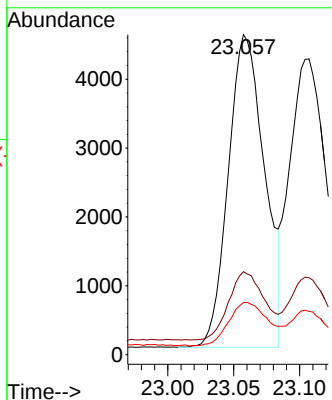
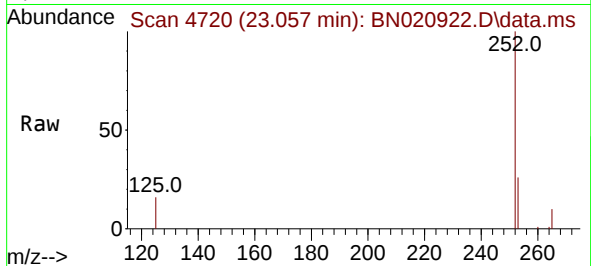




#24
Benzo(b)fluoranthene
Concen: 0.274 ng/ul
RT: 23.057 min Scan# 4720
Delta R.T. -0.007 min
Lab File: BN020922.D
Acq: 29 Jul 2022 15:02

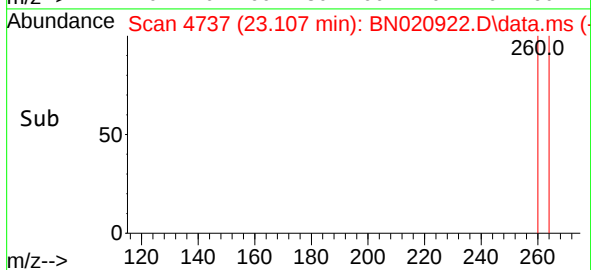
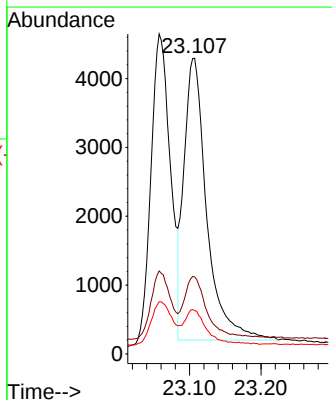
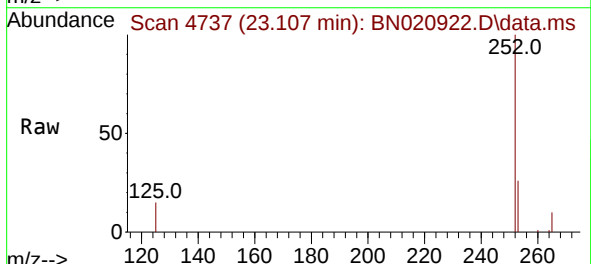
Instrument :
BNA_N
ClientSampleId :
SLCS499

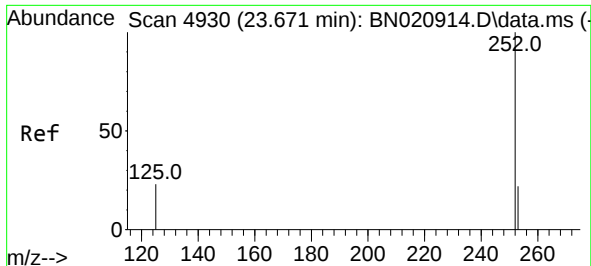
Tgt Ion:252 Resp: 8682
Ion Ratio Lower Upper
252 100
253 26.0 0.0 48.6
125 16.3 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.277 ng/ul
RT: 23.107 min Scan# 4737
Delta R.T. -0.001 min
Lab File: BN020922.D
Acq: 29 Jul 2022 15:02

Tgt Ion:252 Resp: 9069
Ion Ratio Lower Upper
252 100
253 26.0 19.7 29.5
125 14.7 12.0 18.0

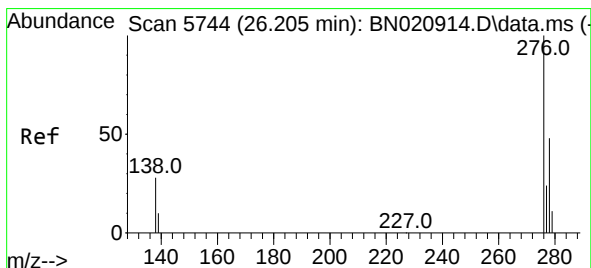
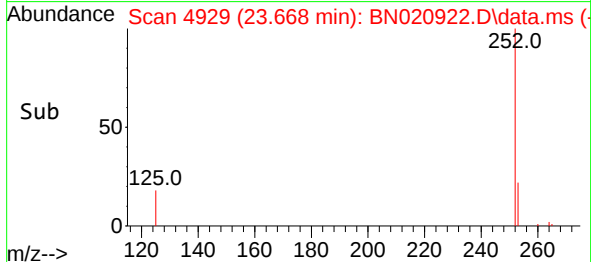
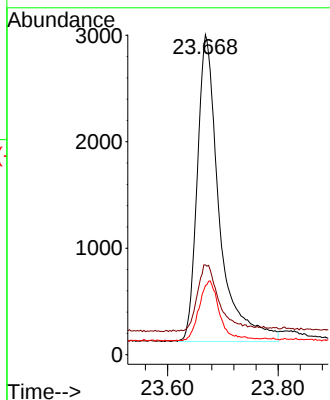
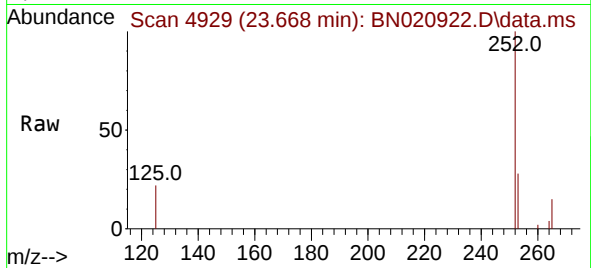




#26
Benzo(a)pyrene
Concen: 0.272 ng/ul
RT: 23.668 min Scan# 4929
Delta R.T. -0.007 min
Lab File: BN020922.D
Acq: 29 Jul 2022 15:02

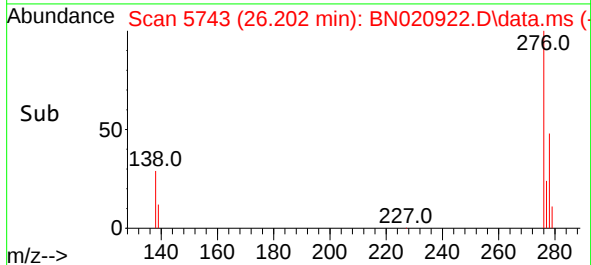
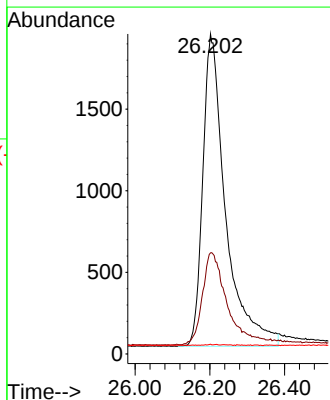
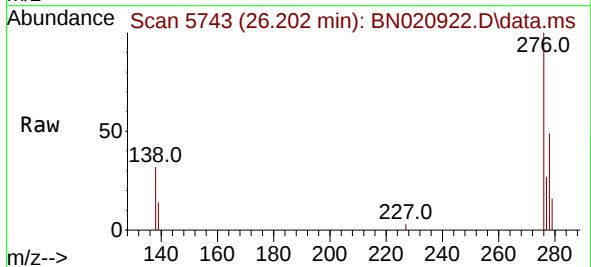
Instrument :
BNA_N
ClientSampleId :
SLCS499

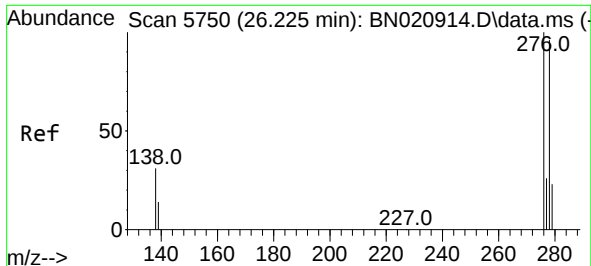
Tgt Ion:252	Resp:	7953
Ion Ratio	Lower	Upper
252	100	
253	28.1	21.0 31.4
125	21.6	18.8 28.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.264 ng/ul
RT: 26.202 min Scan# 5743
Delta R.T. -0.008 min
Lab File: BN020922.D
Acq: 29 Jul 2022 15:02

Tgt Ion:276	Resp:	8100
Ion Ratio	Lower	Upper
276	100	
138	32.3	27.4 41.2
227	0.1	0.2 0.2#

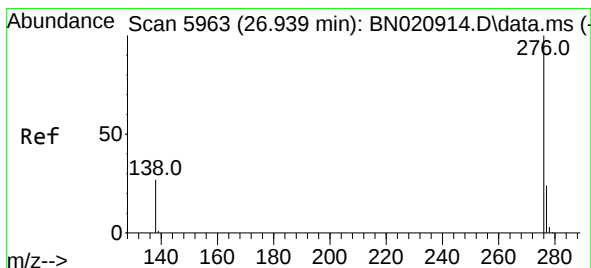
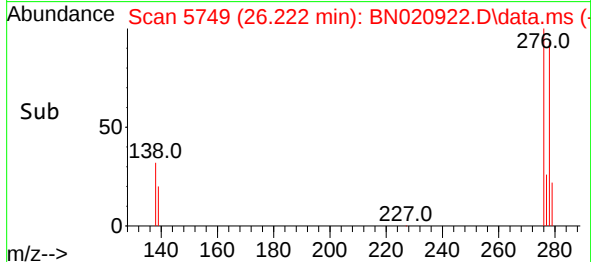
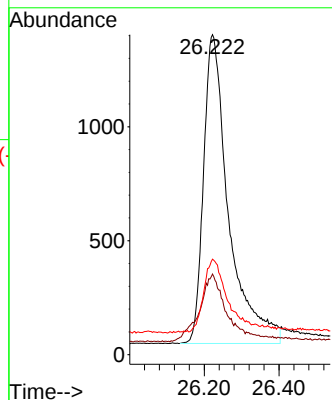
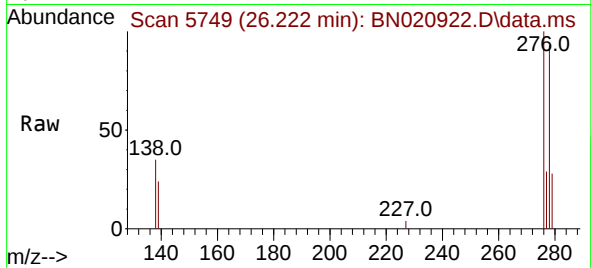




#28
Dibenzo(a,h)anthracene
Concen: 0.270 ng/ul
RT: 26.222 min Scan# 51
Delta R.T. -0.008 min
Lab File: BN020922.D
Acq: 29 Jul 2022 15:02

Instrument :
BNA_N
ClientSampleId :
SLCS499

Tgt Ion:278 Resp: 6325
Ion Ratio Lower Upper
278 100
139 25.2 18.8 28.2
279 29.8 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.267 ng/ul
RT: 26.940 min Scan# 5963
Delta R.T. -0.008 min
Lab File: BN020922.D
Acq: 29 Jul 2022 15:02

Tgt Ion:276 Resp: 7403
Ion Ratio Lower Upper
276 100
138 29.8 23.5 35.3
277 26.5 20.1 30.1

