

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072822\
 Data File : BN020907.D
 Acq On : 28 Jul 2022 11:12
 Operator : CG/JU
 Sample : PB146486BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS486

Quant Time: Jul 28 15:31:01 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)

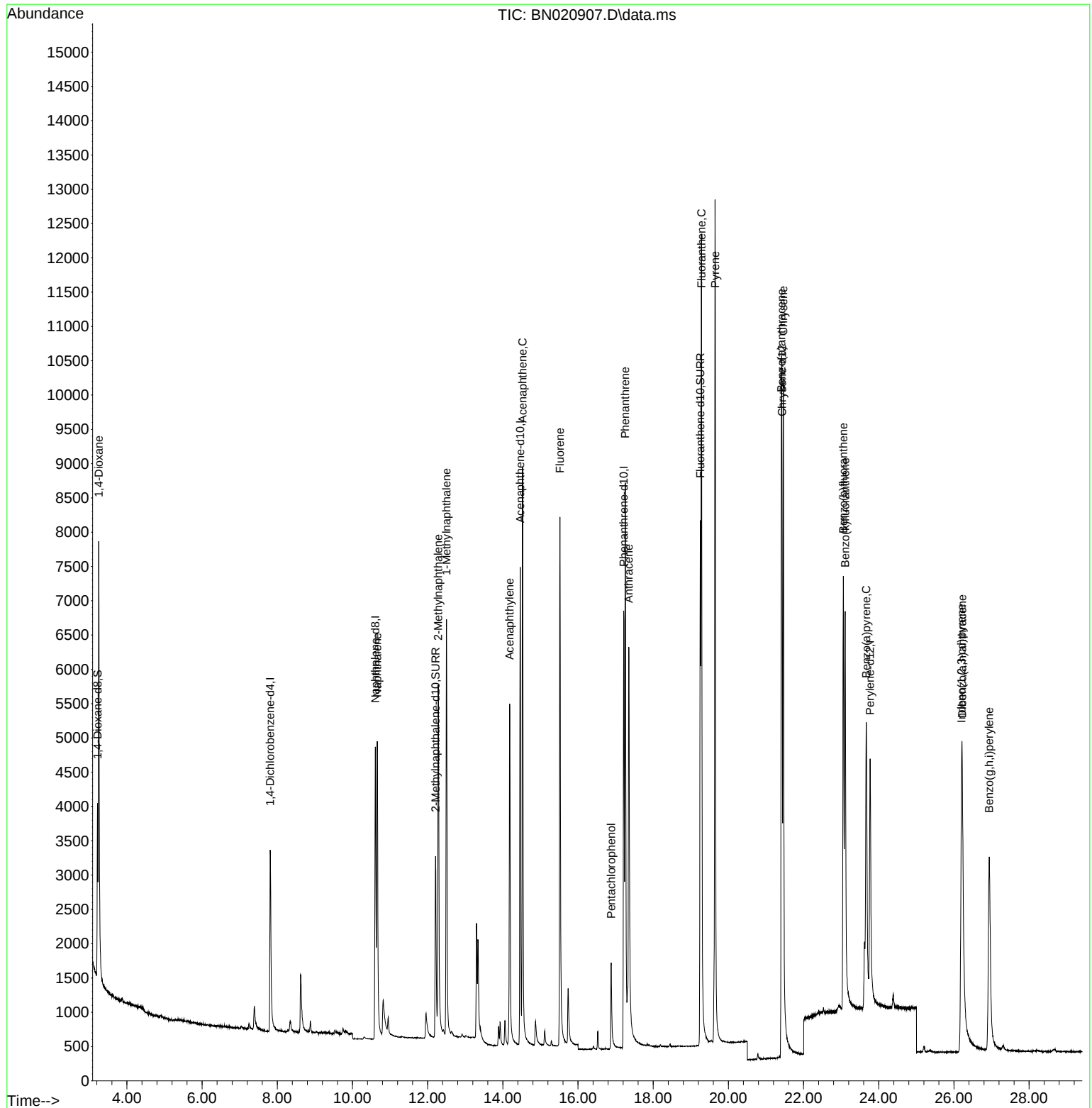
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	1913	0.400	ng/ul	0.00
4) Naphthalene-d8	10.610	136	6886	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.464	164	4320	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.216	188	8961	0.400	ng/ul	0.00
17) Chrysene-d12	21.426	240	6983	0.400	ng/ul	0.00
23) Perylene-d12	23.770	264	5506	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.218	96	1760	0.766	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.211	152	4231	0.404	ng/ul	0.00
18) Fluoranthene-d10	19.256	212	9849	0.442	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	4128	1.748	ng/ul#	85
5) Naphthalene	10.660	128	6970	0.323	ng/ul	99
7) 2-Methylnaphthalene	12.282	142	4545	0.333	ng/ul	100
8) 1-Methylnaphthalene	12.502	142	4879	0.369	ng/ul	100
10) Acenaphthylene	14.181	152	6919	0.322	ng/ul	99
11) Acenaphthene	14.524	153	5490	0.316	ng/ul	99
12) Fluorene	15.518	166	6161	0.323	ng/ul	98
14) Pentachlorophenol	16.882	266	1152	0.854	ng/ul	99
15) Phenanthrene	17.258	178	10179	0.310	ng/ul	99
16) Anthracene	17.351	178	8490	0.323	ng/ul	99
19) Fluoranthene	19.284	202	11593	0.355	ng/ul	99
20) Pyrene	19.646	202	11966	0.351	ng/ul	99
21) Benzo(a)anthracene	21.408	228	8228	0.357	ng/ul	99
22) Chrysene	21.461	228	9948	0.335	ng/ul	99
24) Benzo(b)fluoranthene	23.057	252	8915	0.342	ng/ul	97
25) Benzo(k)fluoranthene	23.107	252	9088	0.337	ng/ul	98
26) Benzo(a)pyrene	23.668	252	7981	0.332	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.201	276	8135	0.321	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.221	278	6248	0.324	ng/ul	97
29) Benzo(g,h,i)perylene	26.939	276	7603	0.333	ng/ul	99

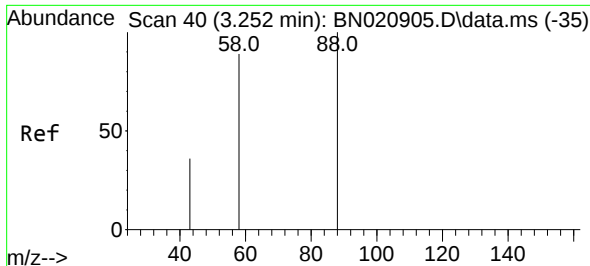
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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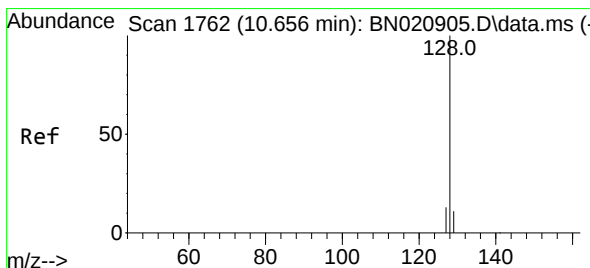
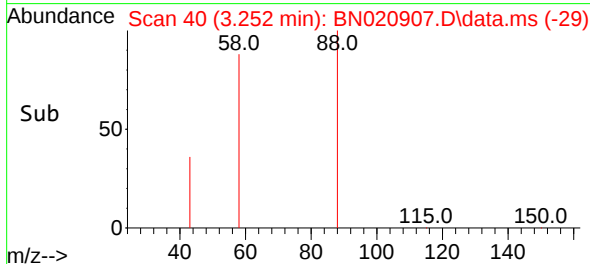
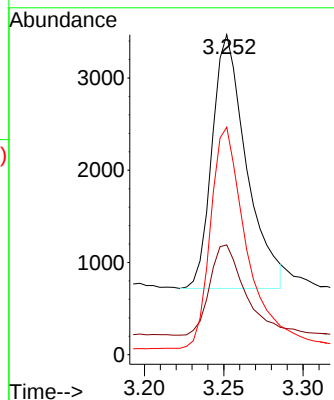
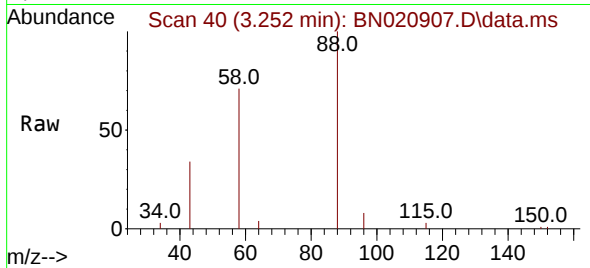




#2
 1,4-Dioxane
 Concen: 1.748 ng/ul
 RT: 3.252 min Scan# 40
 Delta R.T. -0.004 min
 Lab File: BN020907.D
 Acq: 28 Jul 2022 11:12

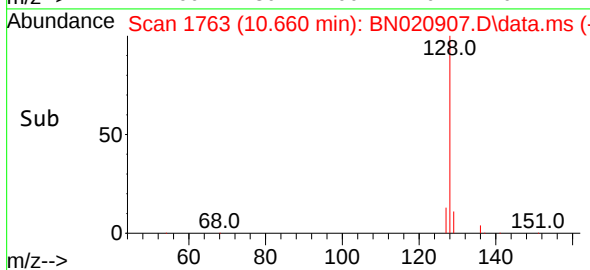
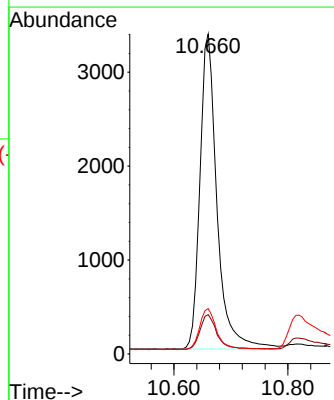
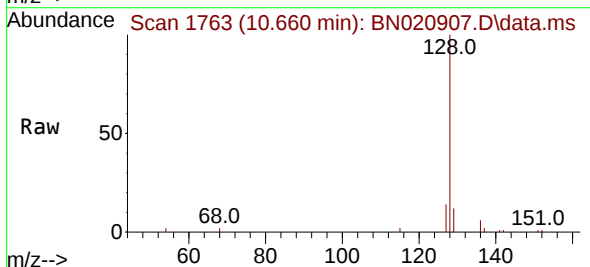
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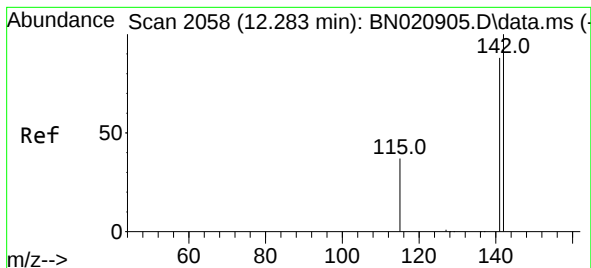
Tgt Ion: 88 Resp: 4128
 Ion Ratio Lower Upper
 88 100
 43 34.3 32.5 48.7
 58 71.1 46.2 69.2#



#5
 Naphthalene
 Concen: 0.323 ng/ul
 RT: 10.660 min Scan# 1763
 Delta R.T. -0.007 min
 Lab File: BN020907.D
 Acq: 28 Jul 2022 11:12

Tgt Ion: 128 Resp: 6970
 Ion Ratio Lower Upper
 128 100
 129 12.3 9.5 14.3
 127 14.2 11.3 16.9

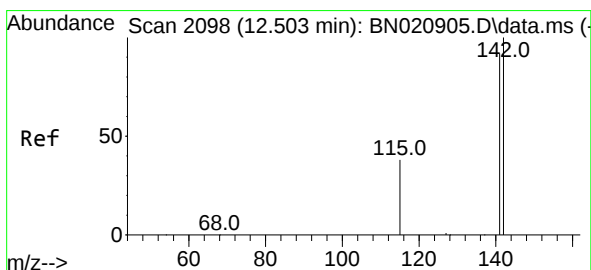
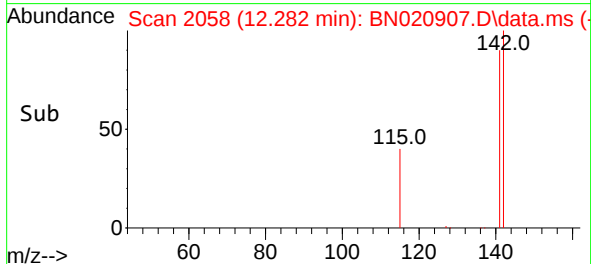
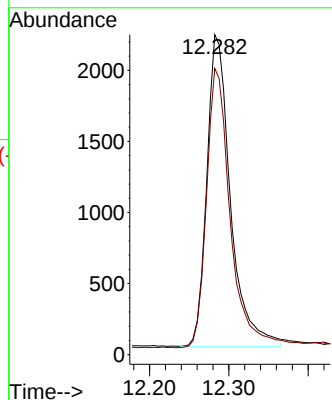
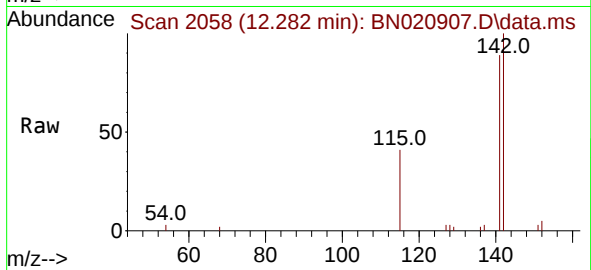




#7
2-Methylnaphthalene
Concen: 0.333 ng/ul
RT: 12.282 min Scan# 2058
Delta R.T. -0.012 min
Lab File: BN020907.D
Acq: 28 Jul 2022 11:12

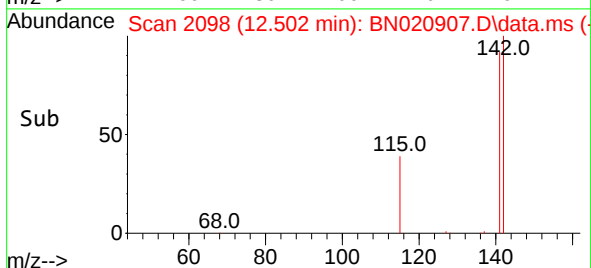
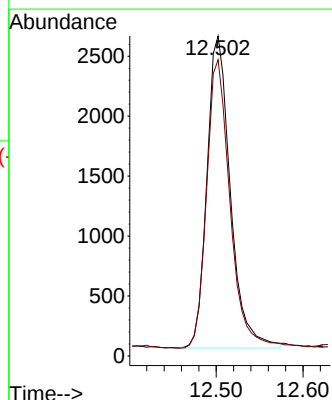
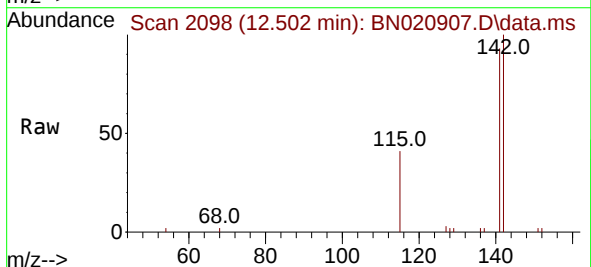
Instrument :
BNA_N
ClientSampleId :
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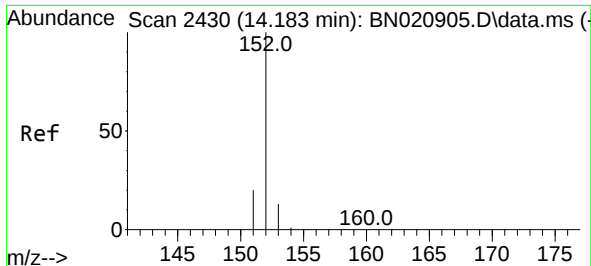
Tgt Ion:142 Resp: 4545
Ion Ratio Lower Upper
142 100
141 89.7 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.369 ng/ul
RT: 12.502 min Scan# 2098
Delta R.T. -0.007 min
Lab File: BN020907.D
Acq: 28 Jul 2022 11:12

Tgt Ion:142 Resp: 4879
Ion Ratio Lower Upper
142 100
141 92.4 73.7 110.5

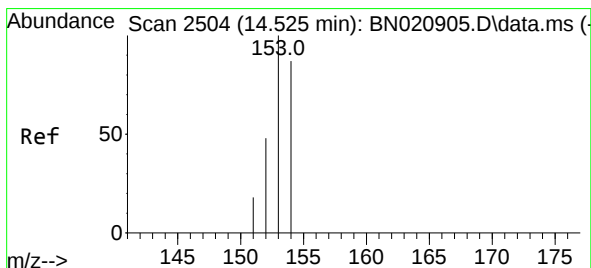
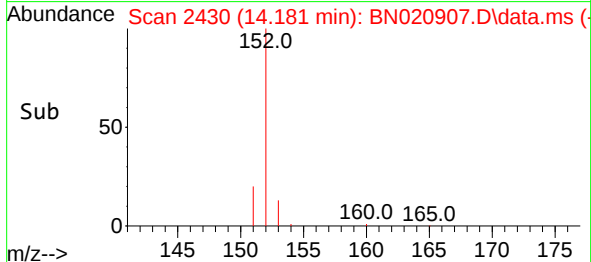
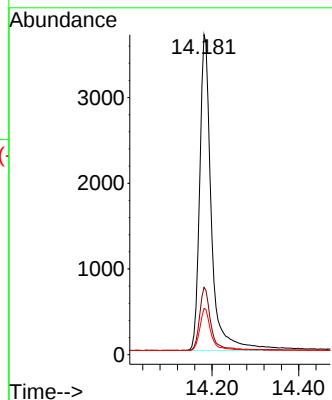
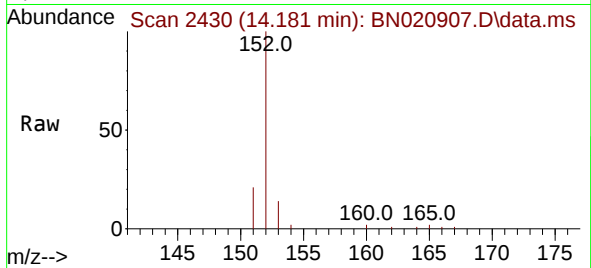




#10
Acenaphthylene
Concen: 0.322 ng/ul
RT: 14.181 min Scan# 2430
Delta R.T. -0.006 min
Lab File: BN020907.D
Acq: 28 Jul 2022 11:12

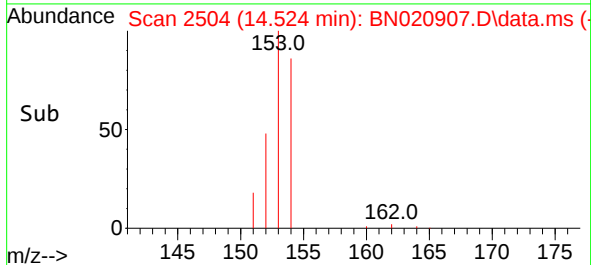
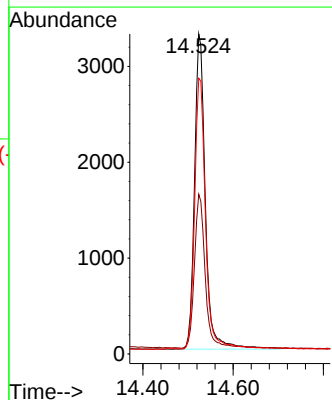
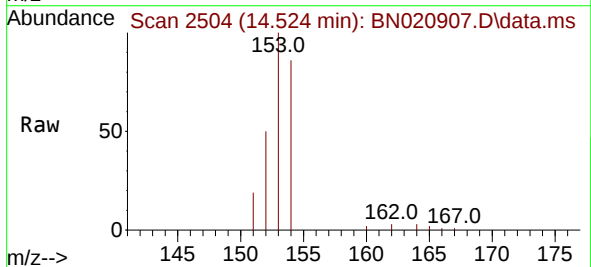
Instrument :
BNA_N
ClientSampleId :
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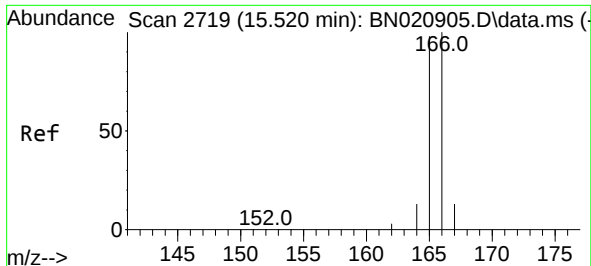
Tgt Ion:152 Resp: 6919
Ion Ratio Lower Upper
152 100
151 21.0 16.5 24.7
153 14.5 11.1 16.7



#11
Acenaphthene
Concen: 0.316 ng/ul
RT: 14.524 min Scan# 2504
Delta R.T. -0.006 min
Lab File: BN020907.D
Acq: 28 Jul 2022 11:12

Tgt Ion:153 Resp: 5490
Ion Ratio Lower Upper
153 100
152 49.9 40.0 60.0
154 86.2 70.0 105.0

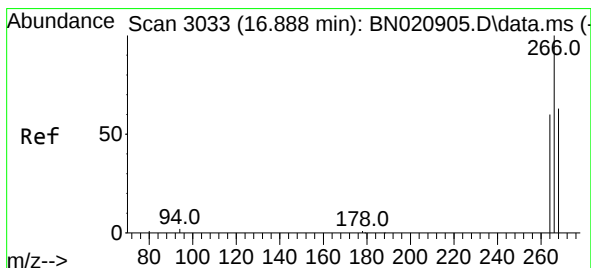
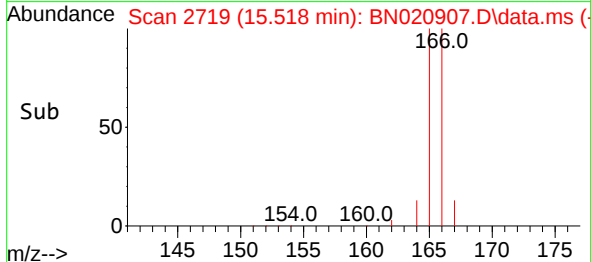
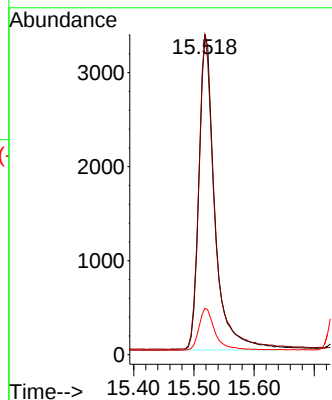
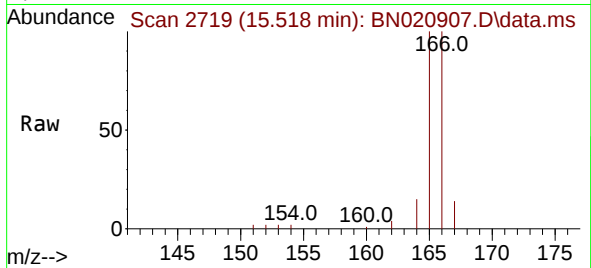




#12
 Fluorene
 Concen: 0.323 ng/ul
 RT: 15.518 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN020907.D
 Acq: 28 Jul 2022 11:12

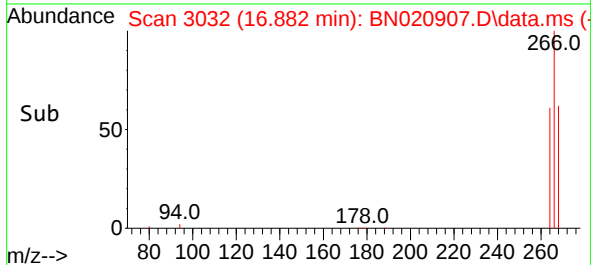
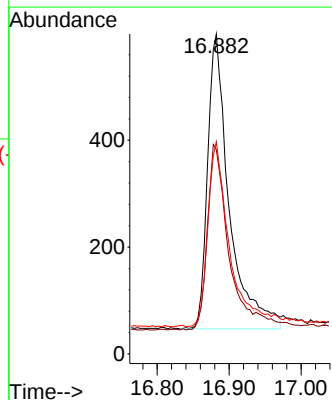
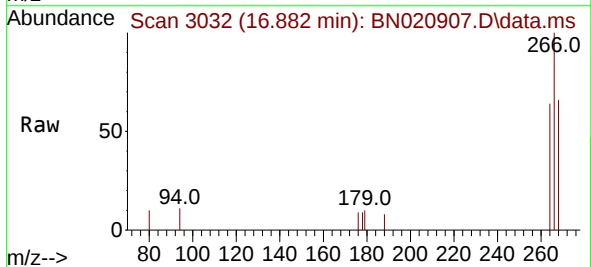
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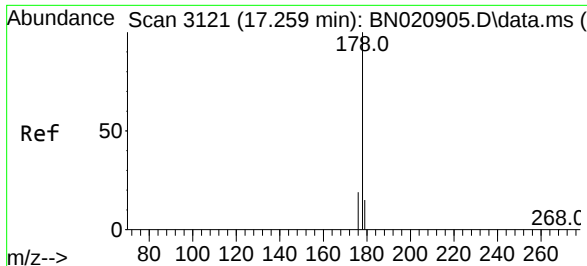
Tgt Ion:166 Resp: 6161
 Ion Ratio Lower Upper
 166 100
 165 100.0 78.2 117.2
 167 14.5 11.3 16.9



#14
 Pentachlorophenol
 Concen: 0.854 ng/ul
 RT: 16.882 min Scan# 3032
 Delta R.T. -0.010 min
 Lab File: BN020907.D
 Acq: 28 Jul 2022 11:12

Tgt Ion:266 Resp: 1152
 Ion Ratio Lower Upper
 266 100
 264 63.2 51.6 77.4
 268 63.4 51.5 77.3

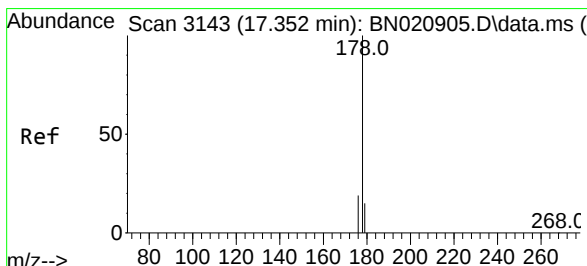
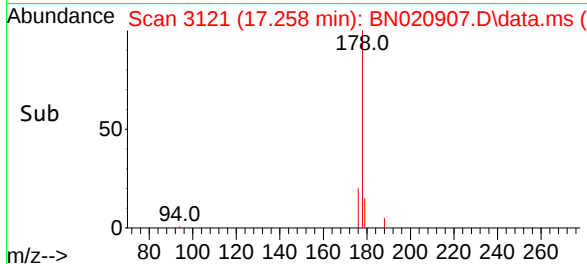
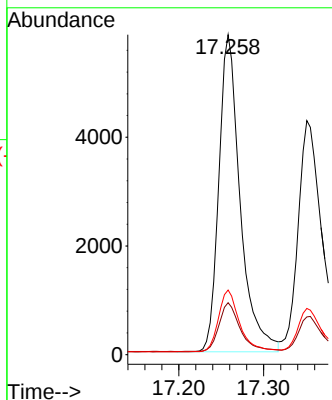
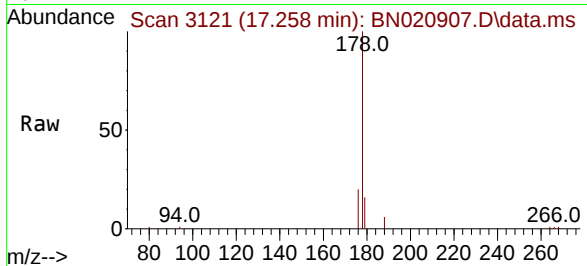




#15
Phenanthrene
Concen: 0.310 ng/ul
RT: 17.258 min Scan# 3121
Delta R.T. -0.005 min
Lab File: BN020907.D
Acq: 28 Jul 2022 11:12

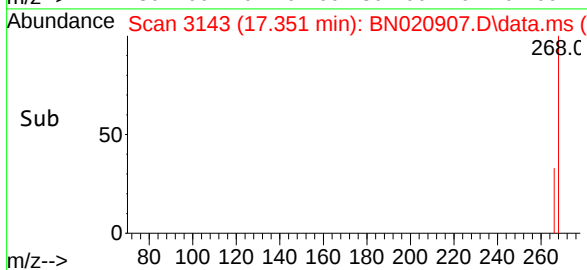
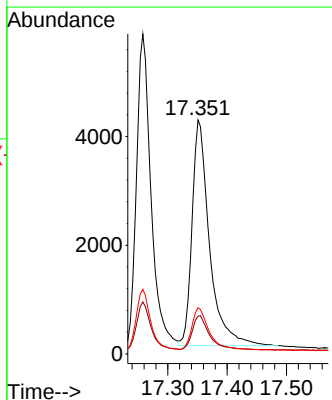
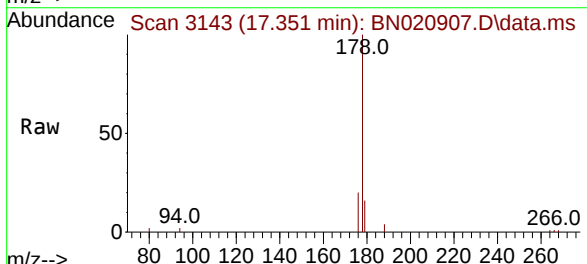
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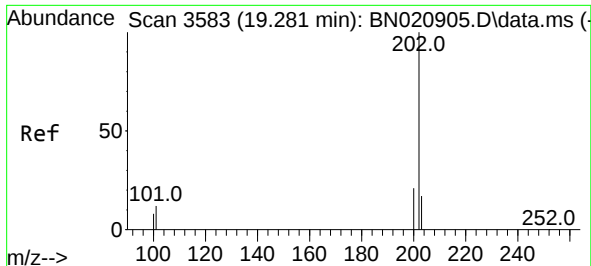
Tgt Ion:178	Resp:	10179
Ion Ratio	Lower	Upper
178	100	
179	16.2	12.6 18.8
176	20.2	15.8 23.6



#16
Anthracene
Concen: 0.323 ng/ul
RT: 17.351 min Scan# 3143
Delta R.T. -0.005 min
Lab File: BN020907.D
Acq: 28 Jul 2022 11:12

Tgt Ion:178	Resp:	8490
Ion Ratio	Lower	Upper
178	100	
179	16.2	12.8 19.2
176	19.8	15.2 22.8

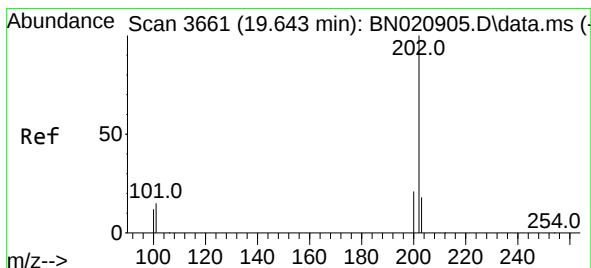
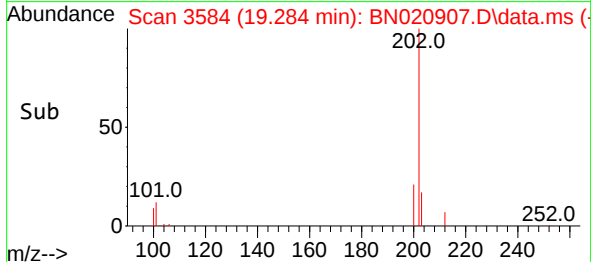
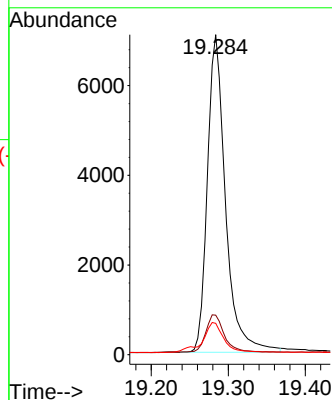
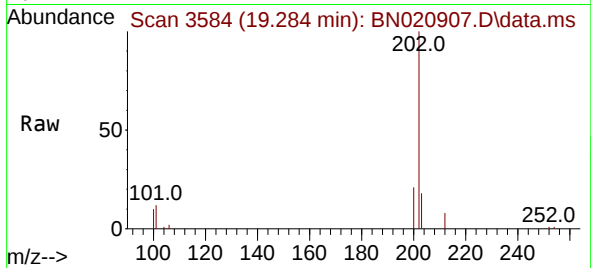




#19
Fluoranthene
Concen: 0.355 ng/ul
RT: 19.284 min Scan# 3584
Delta R.T. -0.006 min
Lab File: BN020907.D
Acq: 28 Jul 2022 11:12

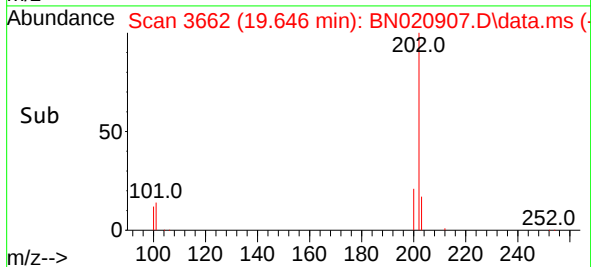
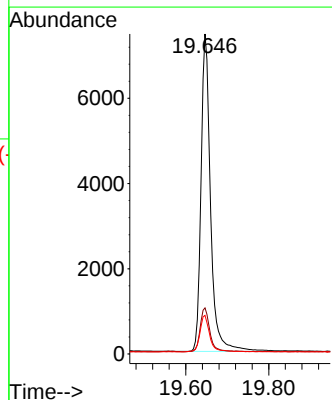
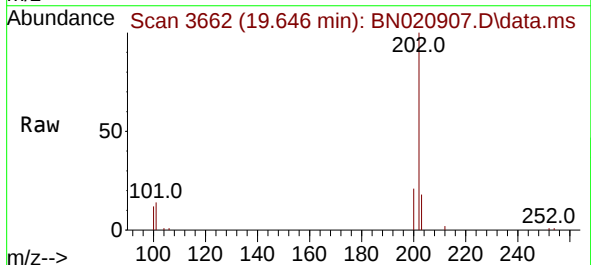
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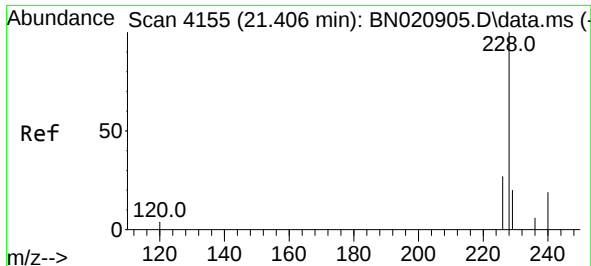
Tgt Ion:202 Resp: 11593
Ion Ratio Lower Upper
202 100
101 12.3 10.3 15.5
100 9.8 7.8 11.6



#20
Pyrene
Concen: 0.351 ng/ul
RT: 19.646 min Scan# 3662
Delta R.T. -0.006 min
Lab File: BN020907.D
Acq: 28 Jul 2022 11:12

Tgt Ion:202 Resp: 11966
Ion Ratio Lower Upper
202 100
101 14.4 11.6 17.4
100 12.1 9.2 13.8

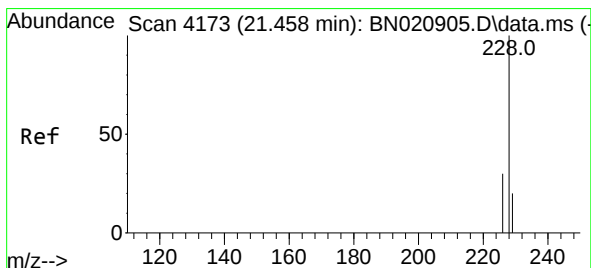
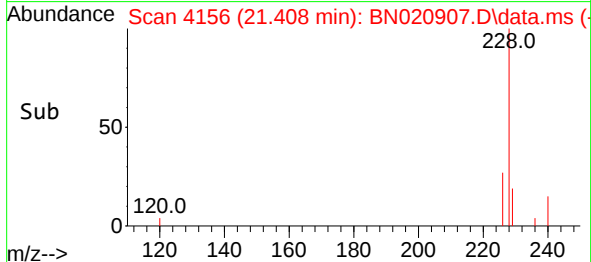
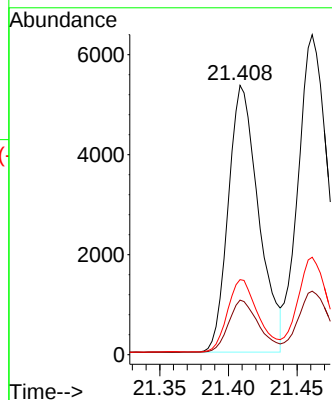
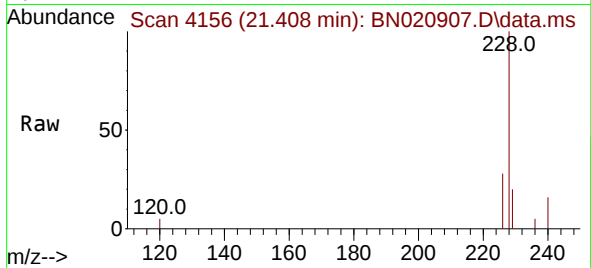




#21
Benzo(a)anthracene
Concen: 0.357 ng/ul
RT: 21.408 min Scan# 4155
Delta R.T. -0.008 min
Lab File: BN020907.D
Acq: 28 Jul 2022 11:12

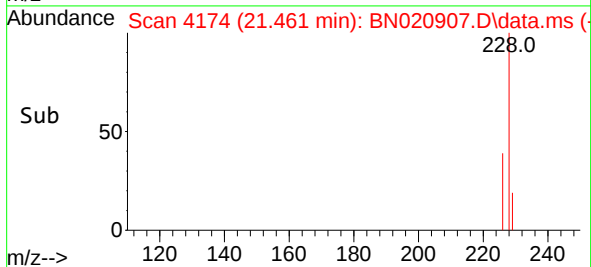
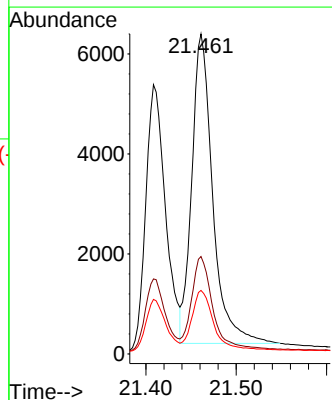
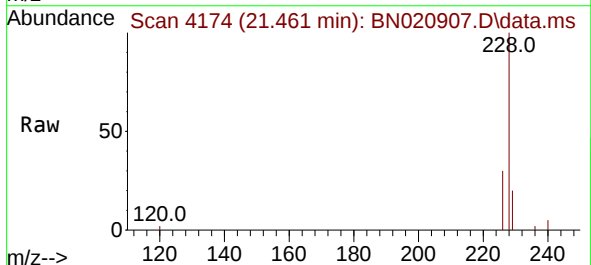
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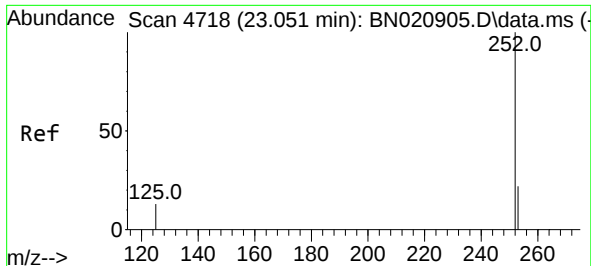
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Ion Ratio Lower Upper
228 100
229 20.2 15.9 23.9
226 27.9 22.2 33.2



#22
Chrysene
Concen: 0.335 ng/ul
RT: 21.461 min Scan# 4174
Delta R.T. -0.005 min
Lab File: BN020907.D
Acq: 28 Jul 2022 11:12

Tgt Ion:228 Resp: 9948
Ion Ratio Lower Upper
228 100
226 30.5 23.9 35.9
229 19.9 15.8 23.8

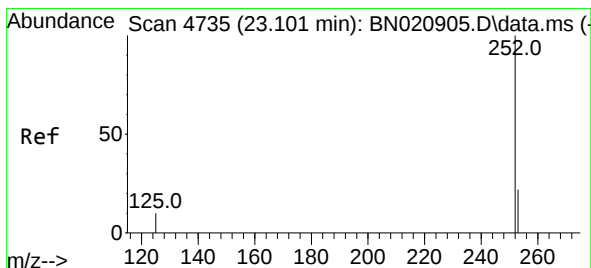
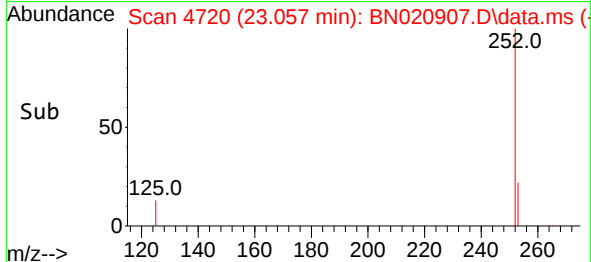
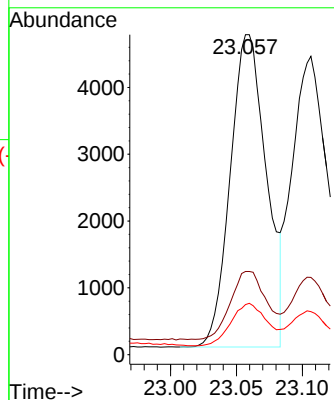
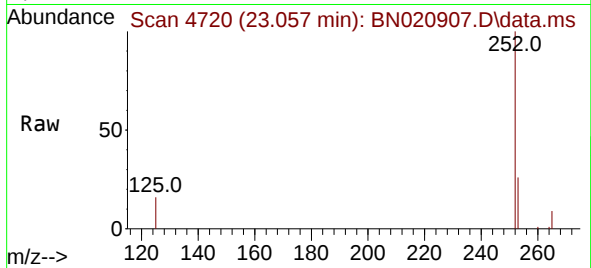




#24
Benzo(b)fluoranthene
Concen: 0.342 ng/ul
RT: 23.057 min Scan# 4718
Delta R.T. -0.008 min
Lab File: BN020907.D
Acq: 28 Jul 2022 11:12

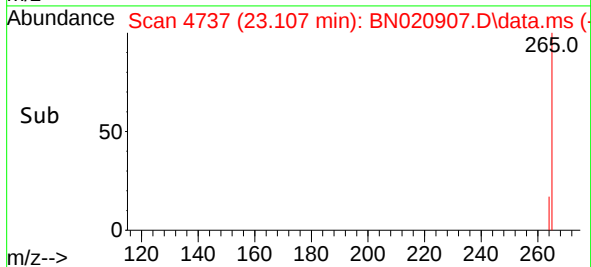
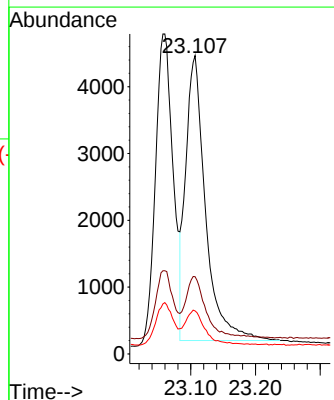
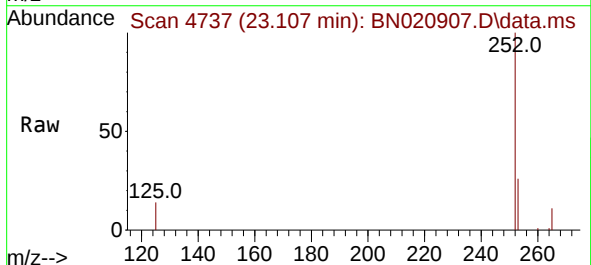
Instrument :
BNA_N
ClientSampleId :
SLCS486

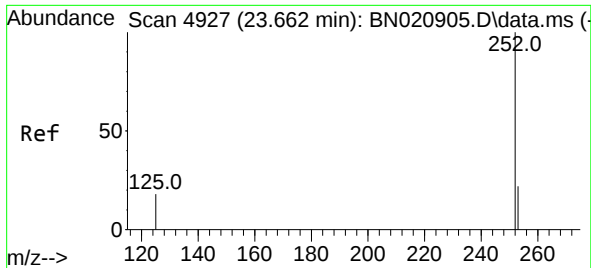
Tgt Ion:252 Resp: 8915
Ion Ratio Lower Upper
252 100
253 26.0 0.0 48.6
125 15.6 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.337 ng/ul
RT: 23.107 min Scan# 4737
Delta R.T. -0.002 min
Lab File: BN020907.D
Acq: 28 Jul 2022 11:12

Tgt Ion:252 Resp: 9088
Ion Ratio Lower Upper
252 100
253 25.9 19.7 29.5
125 14.4 12.0 18.0

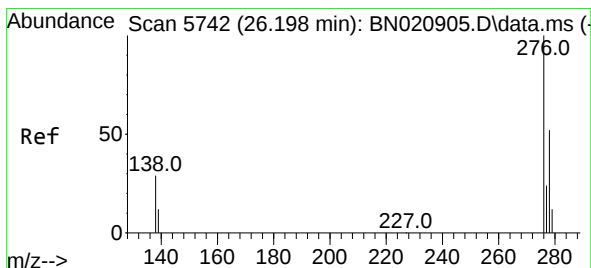
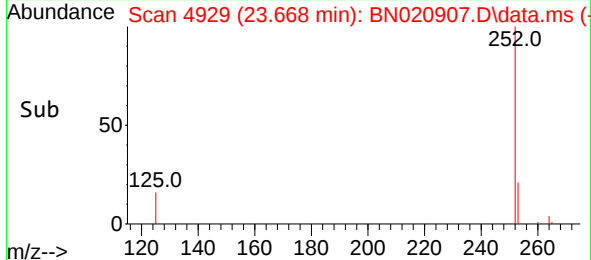
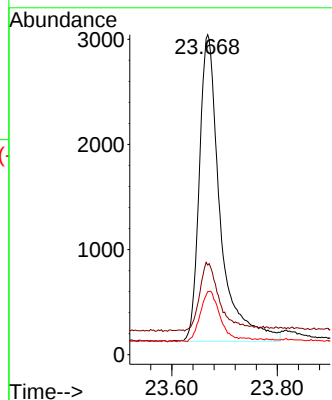
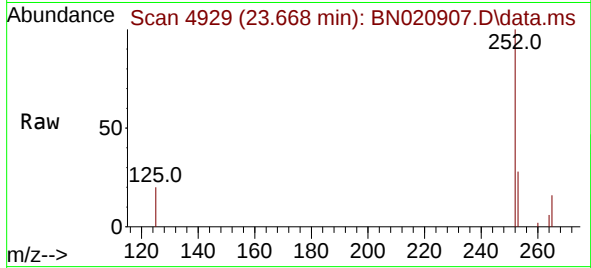




#26
Benzo(a)pyrene
Concen: 0.332 ng/ul
RT: 23.668 min Scan# 4929
Delta R.T. -0.008 min
Lab File: BN020907.D
Acq: 28 Jul 2022 11:12

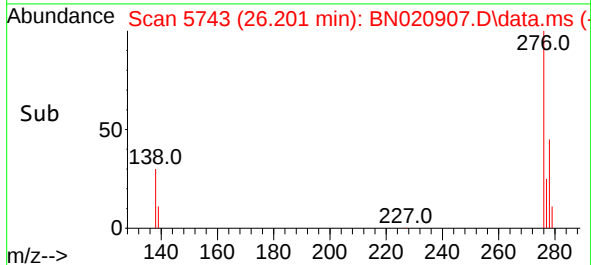
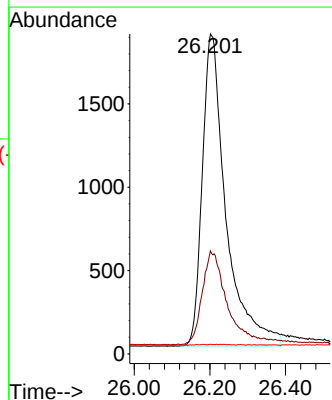
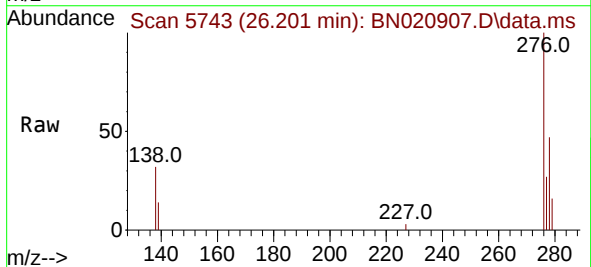
Instrument :
BNA_N
ClientSampleId :
SLCS486

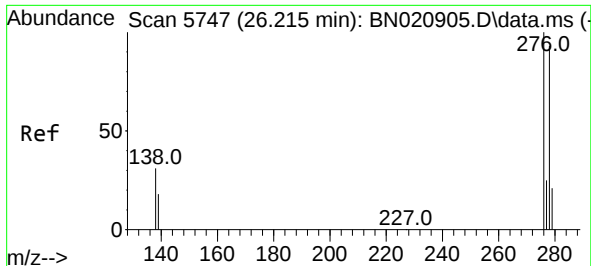
Tgt Ion:	252	Resp:	7981
Ion Ratio	Lower	Upper	
252	100		
253	28.0	21.0	31.4
125	19.7	18.8	28.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.321 ng/ul
RT: 26.201 min Scan# 5743
Delta R.T. -0.008 min
Lab File: BN020907.D
Acq: 28 Jul 2022 11:12

Tgt Ion:	276	Resp:	8135
Ion Ratio	Lower	Upper	
276	100		
138	32.1	27.4	41.2
227	0.1	0.2	0.2

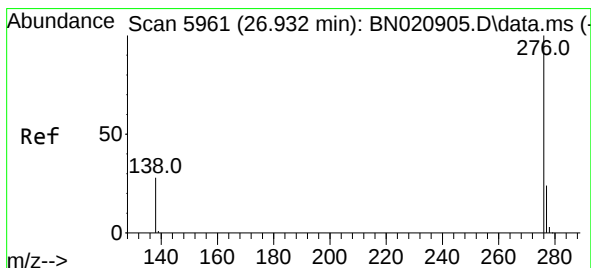
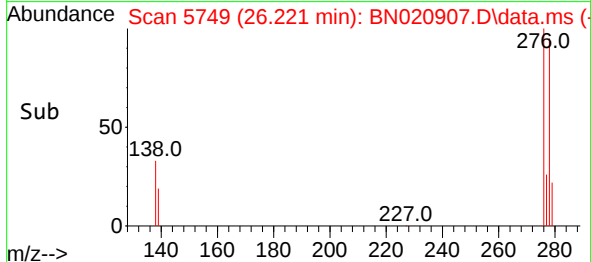
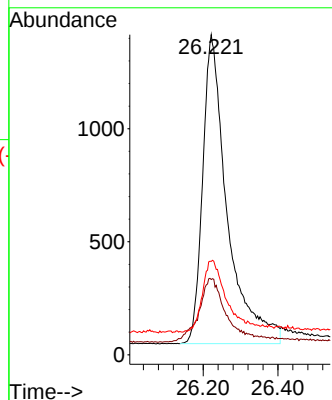
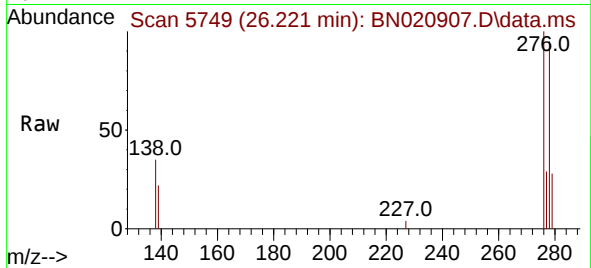




#28
Dibenzo(a,h)anthracene
Concen: 0.324 ng/ul
RT: 26.221 min Scan# 51
Delta R.T. -0.008 min
Lab File: BN020907.D
Acq: 28 Jul 2022 11:12

Instrument :
BNA_N
ClientSampleId :
SLCS486

Tgt Ion:278 Resp: 6248
Ion Ratio Lower Upper
278 100
139 23.5 18.8 28.2
279 29.2 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.333 ng/ul
RT: 26.939 min Scan# 5963
Delta R.T. -0.008 min
Lab File: BN020907.D
Acq: 28 Jul 2022 11:12

Tgt Ion:276 Resp: 7603
Ion Ratio Lower Upper
276 100
138 29.4 23.5 35.3
277 25.7 20.1 30.1

