

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112622\
 Data File : BN022900.D
 Acq On : 27 Nov 2022 02:40
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4342

Quant Time: Nov 28 03:50:41 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN112622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 28 03:16:56 2022
 Response via : Initial Calibration

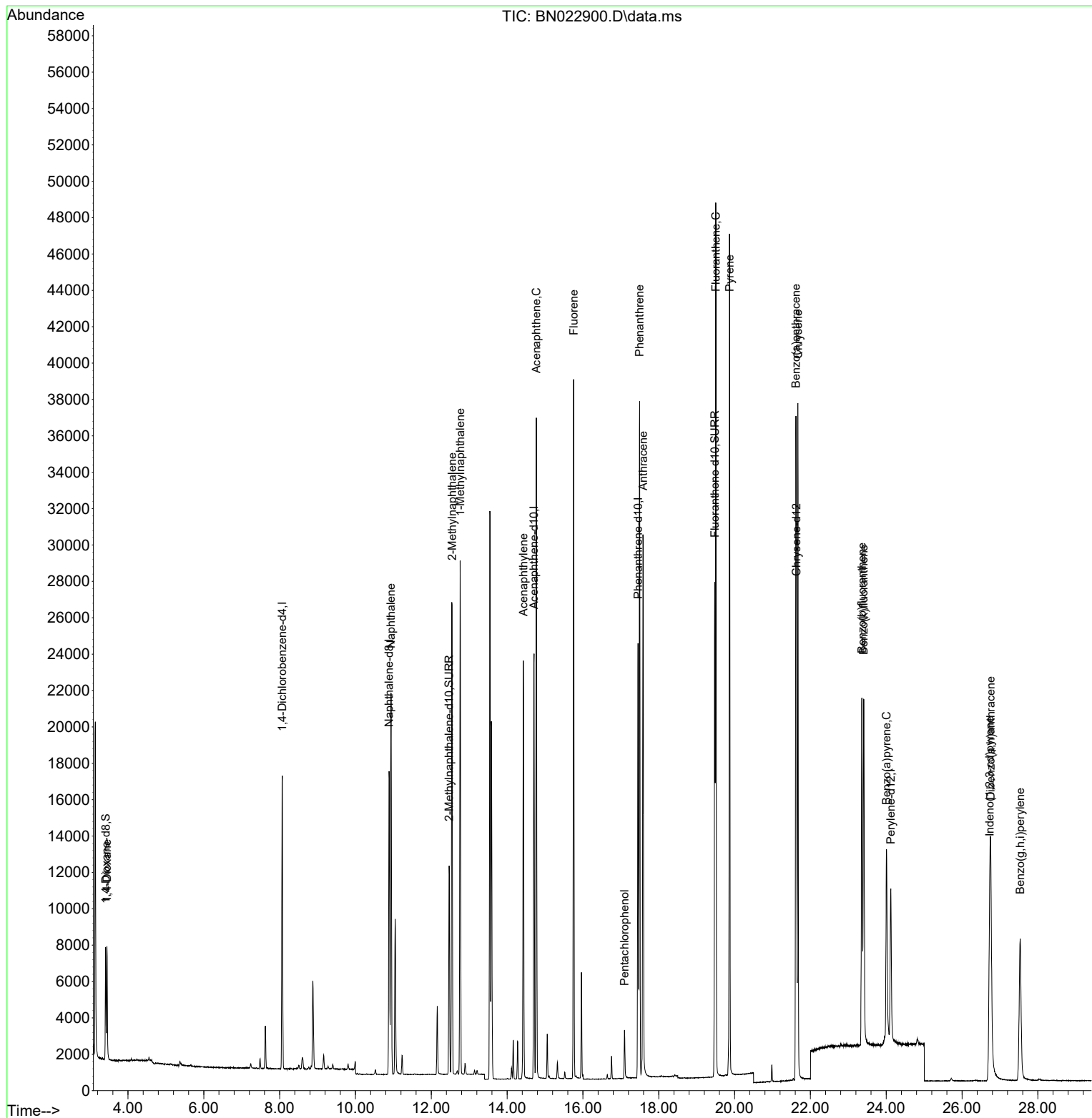
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	7950	0.400	ng/ul	0.00
4) Naphthalene-d8	10.887	136	22092	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.710	164	12338	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.453	188	26844	0.400	ng/ul	0.00
17) Chrysene-d12	21.633	240	18395	0.400	ng/ul	0.00
23) Perylene-d12	24.121	264	12400	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.412	96	3870	0.406	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.470	152	14408	0.428	ng/ul	0.00
18) Fluoranthene-d10	19.476	212	28472	0.419	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	4122	0.414	ng/ul	95
5) Naphthalene	10.936	128	28174	0.420	ng/ul	100
7) 2-Methylnaphthalene	12.547	142	17876	0.427	ng/ul	100
8) 1-Methylnaphthalene	12.762	142	18349	0.430	ng/ul	100
10) Acenaphthylene	14.428	152	24784	0.407	ng/ul	99
11) Acenaphthene	14.770	153	20043	0.416	ng/ul	99
12) Fluorene	15.756	166	22799	0.418	ng/ul	99
14) Pentachlorophenol	17.099	266	1828	0.326	ng/ul#	100
15) Phenanthrene	17.496	178	38151	0.414	ng/ul	99
16) Anthracene	17.584	178	32584	0.412	ng/ul	100
19) Fluoranthene	19.504	202	39533	0.416	ng/ul	99
20) Pyrene	19.866	202	38396	0.412	ng/ul	98
21) Benzo(a)anthracene	21.616	228	28890	0.411	ng/ul	99
22) Chrysene	21.671	228	31859	0.413	ng/ul	99
24) Benzo(b)fluoranthene	23.358	252	25646	0.408	ng/ul	99
25) Benzo(k)fluoranthene	23.405	252	27877	0.420	ng/ul	100
26) Benzo(a)pyrene	24.007	252	19142	0.400	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.728	276	22179	0.390	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.755	278	17859	0.395	ng/ul	100
29) Benzo(g,h,i)perylene	27.533	276	18905	0.381	ng/ul	99

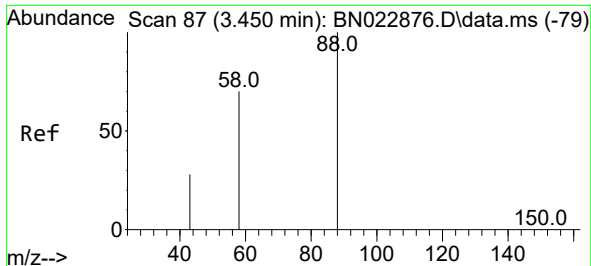
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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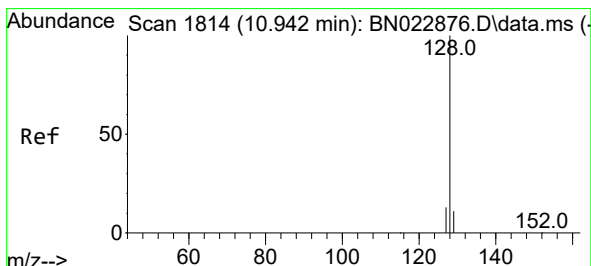
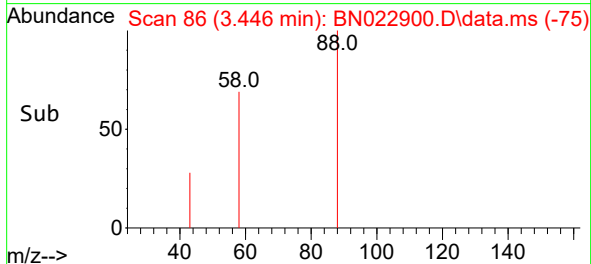
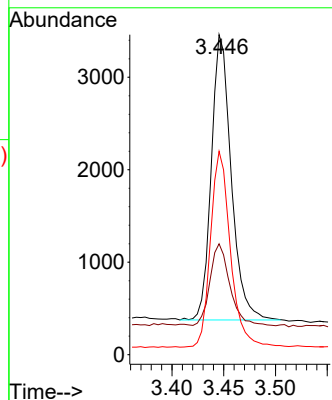
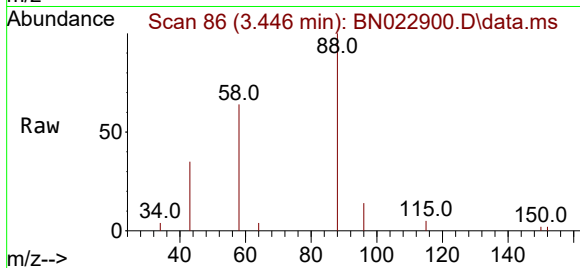




#2
1,4-Dioxane
Concen: 0.414 ng/ul
RT: 3.446 min Scan# 80
Delta R.T. -0.004 min
Lab File: BN022900.D
Acq: 27 Nov 2022 02:40

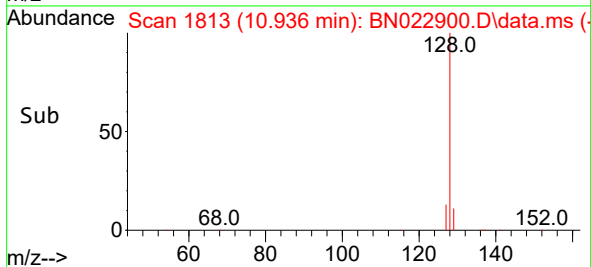
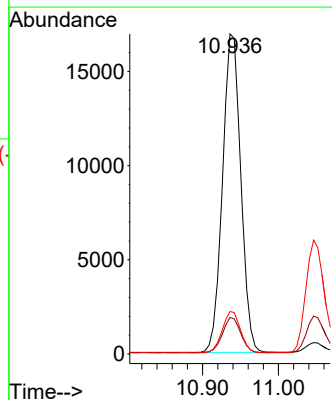
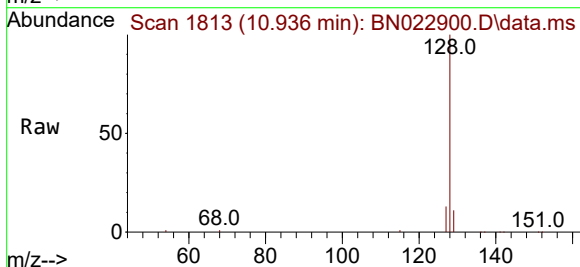
Instrument :
BNA_N
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SSTD0.4342

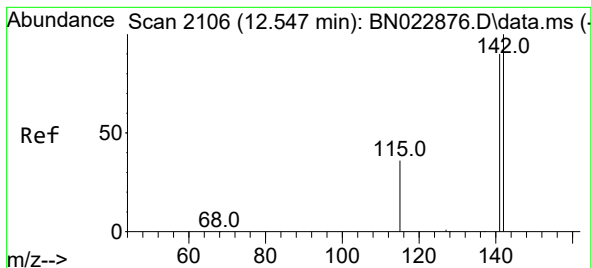
Tgt Ion: 88 Resp: 4122
Ion Ratio Lower Upper
88 100
43 34.6 26.2 39.4
58 63.6 47.6 71.4



#5
Naphthalene
Concen: 0.420 ng/ul
RT: 10.936 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BN022900.D
Acq: 27 Nov 2022 02:40

Tgt Ion: 128 Resp: 28174
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.2 10.6 16.0

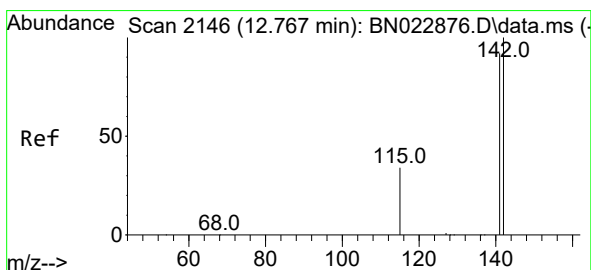
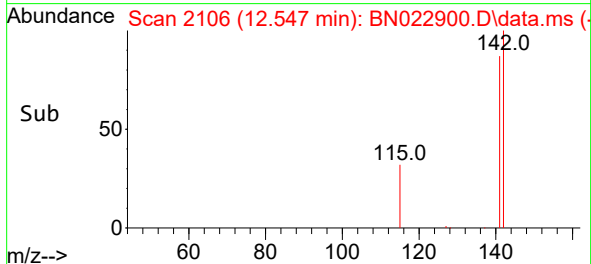
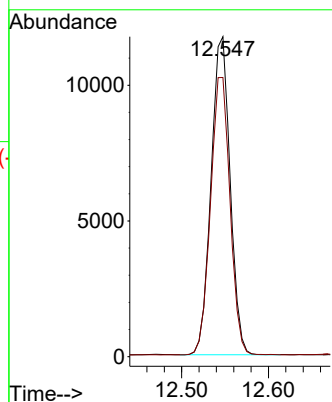
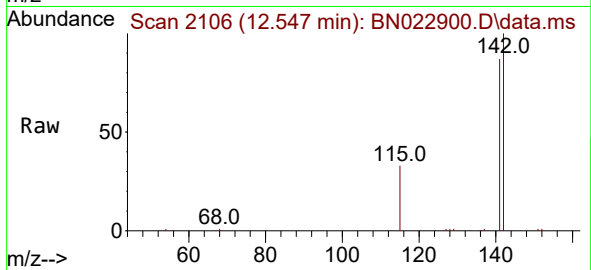




#7
2-Methylnaphthalene
Concen: 0.427 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BN022900.D
Acq: 27 Nov 2022 02:40

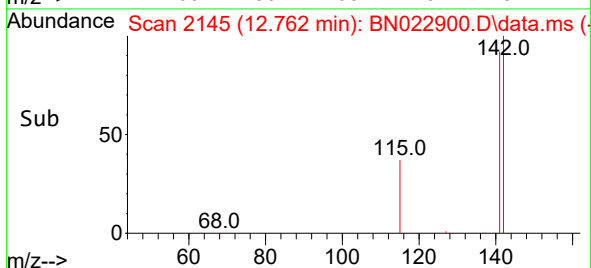
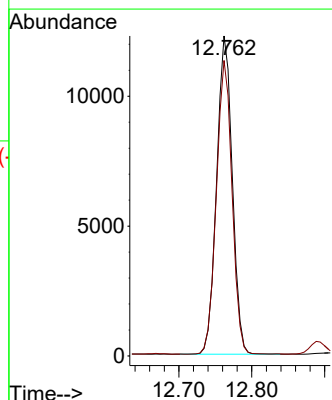
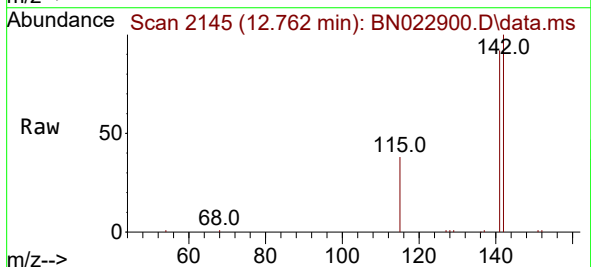
Instrument :
BNA_N
ClientSampleId :
SSTD0.4342

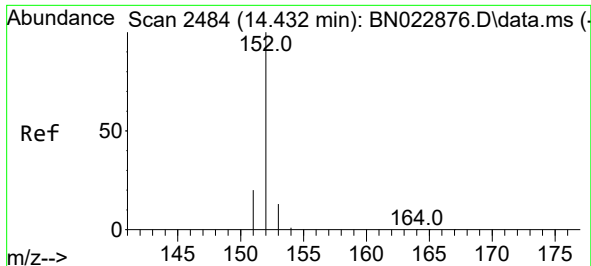
Tgt Ion:142 Resp: 17876
Ion Ratio Lower Upper
142 100
141 89.2 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.430 ng/ul
RT: 12.762 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BN022900.D
Acq: 27 Nov 2022 02:40

Tgt Ion:142 Resp: 18349
Ion Ratio Lower Upper
142 100
141 92.2 73.8 110.6

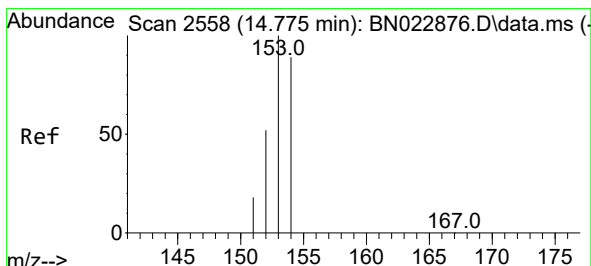
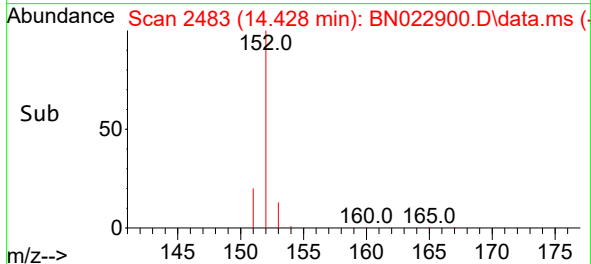
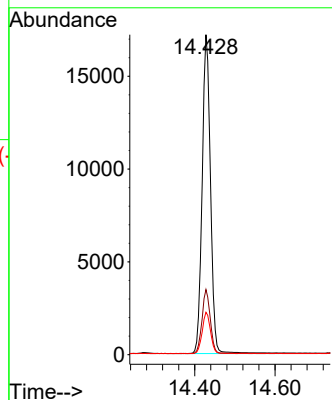
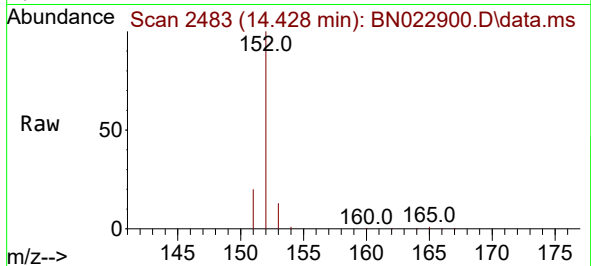




#10
Acenaphthylene
Concen: 0.407 ng/ul
RT: 14.428 min Scan# 2483
Delta R.T. -0.005 min
Lab File: BN022900.D
Acq: 27 Nov 2022 02:40

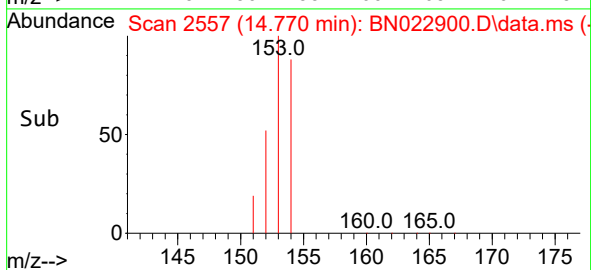
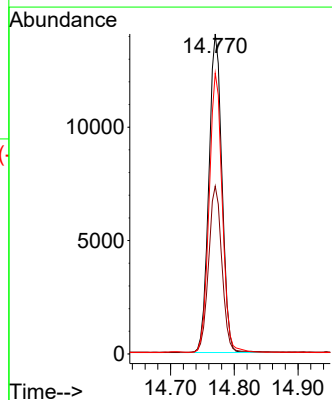
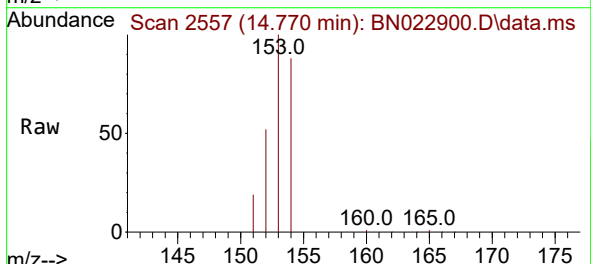
Instrument :
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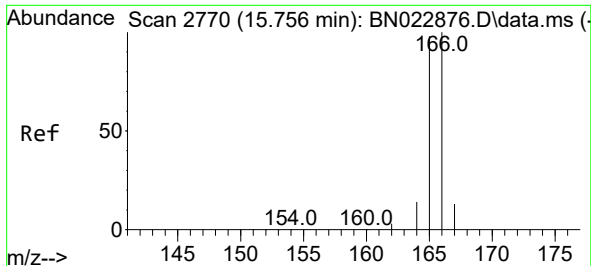
Tgt Ion:152 Resp: 24784
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 13.2 10.5 15.7



#11
Acenaphthene
Concen: 0.416 ng/ul
RT: 14.770 min Scan# 2557
Delta R.T. -0.005 min
Lab File: BN022900.D
Acq: 27 Nov 2022 02:40

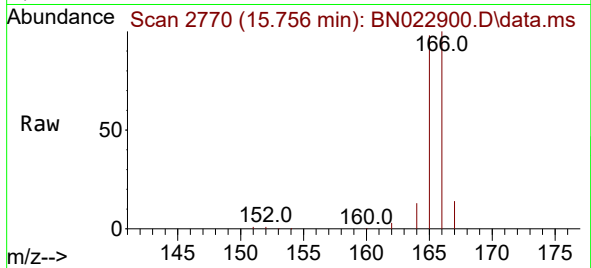
Tgt Ion:153 Resp: 20043
Ion Ratio Lower Upper
153 100
152 52.4 41.8 62.8
154 87.8 71.3 106.9



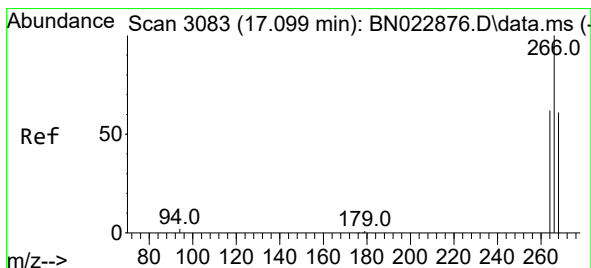
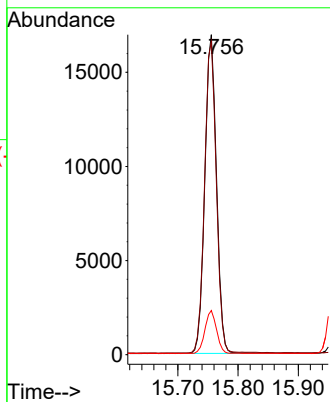
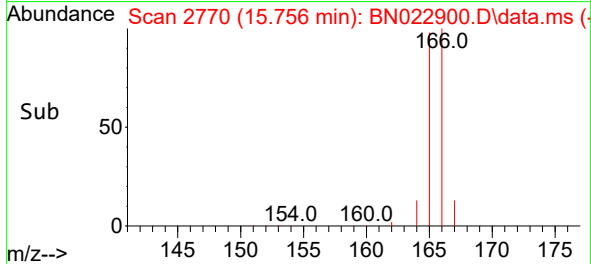


#12
Fluorene
Concen: 0.418 ng/ul
RT: 15.756 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN022900.D
Acq: 27 Nov 2022 02:40

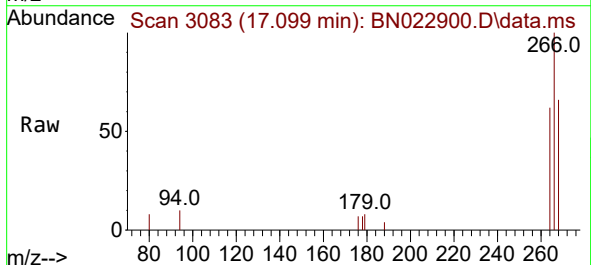
Instrument :
BNA_N
ClientSampleId :
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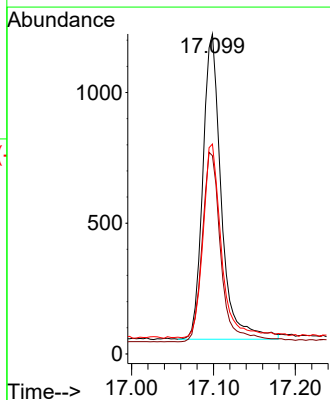
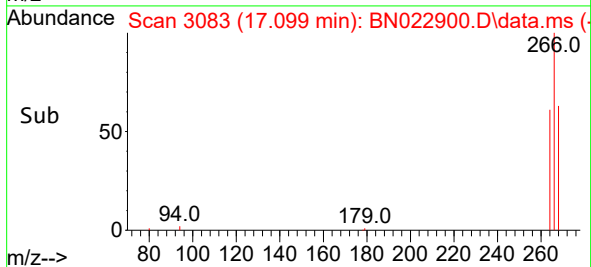
Tgt Ion:166 Resp: 22799
Ion Ratio Lower Upper
166 100
165 97.8 78.7 118.1
167 13.8 10.8 16.2

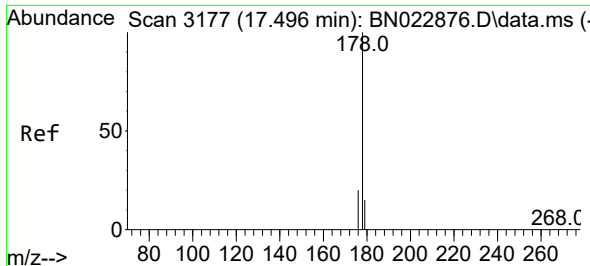


#14
Pentachlorophenol
Concen: 0.326 ng/ul
RT: 17.099 min Scan# 3083
Delta R.T. -0.000 min
Lab File: BN022900.D
Acq: 27 Nov 2022 02:40



Tgt Ion:266 Resp: 1828
Ion Ratio Lower Upper
266 100
264 62.9 0.0 0.0#
268 63.6 0.0 0.0#

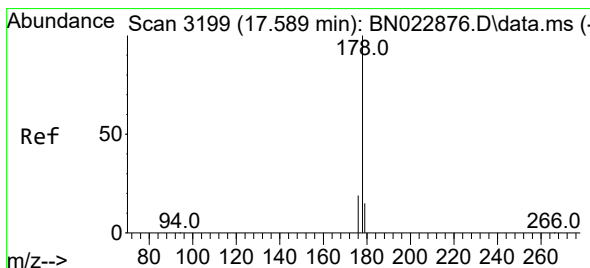
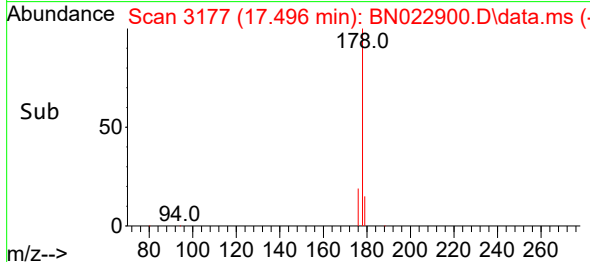
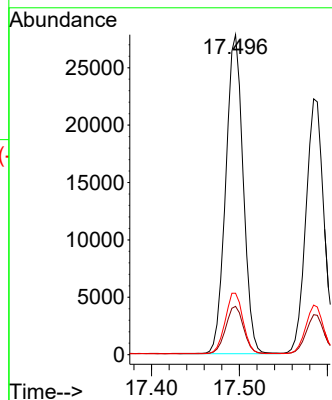
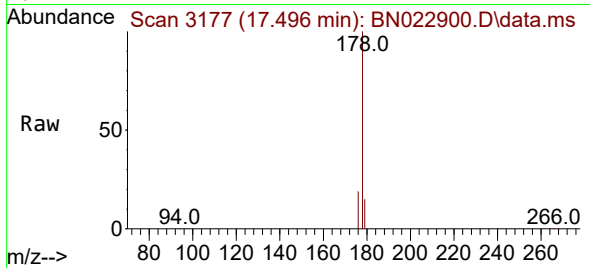




#15
Phenanthrene
Concen: 0.414 ng/ul
RT: 17.496 min Scan# 3177
Delta R.T. 0.000 min
Lab File: BN022900.D
Acq: 27 Nov 2022 02:40

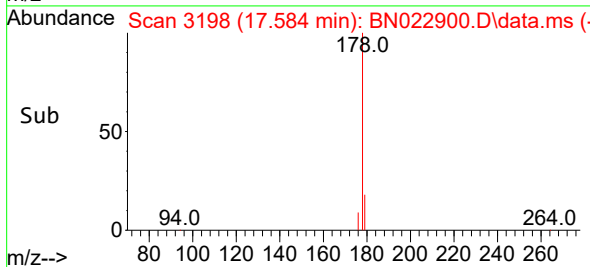
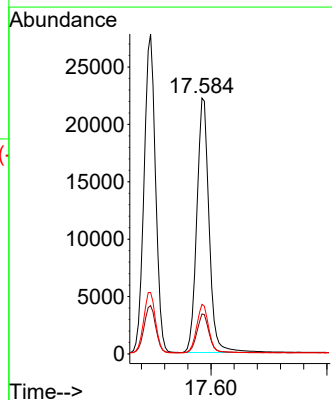
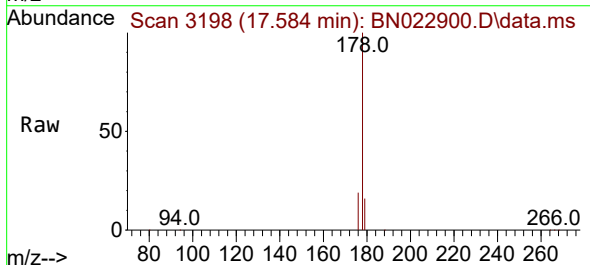
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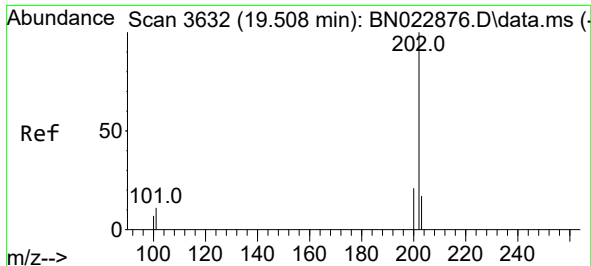
Tgt Ion:178 Resp: 38151
Ion Ratio Lower Upper
178 100
179 15.1 12.5 18.7
176 19.2 15.9 23.9



#16
Anthracene
Concen: 0.412 ng/ul
RT: 17.584 min Scan# 3198
Delta R.T. -0.004 min
Lab File: BN022900.D
Acq: 27 Nov 2022 02:40

Tgt Ion:178 Resp: 32584
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.4 15.3 22.9

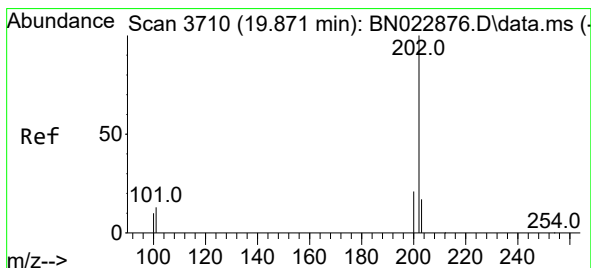
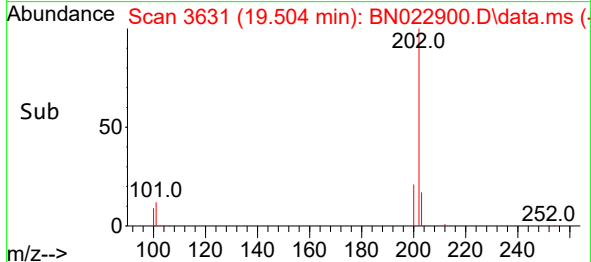
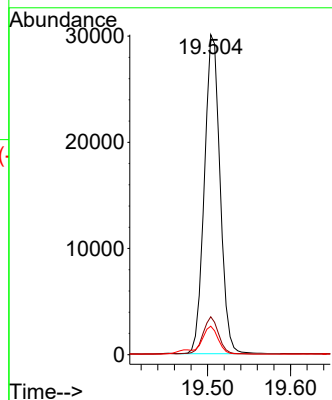
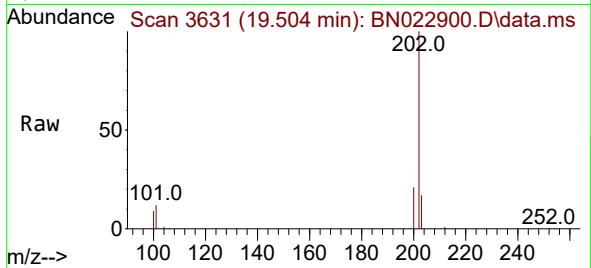




#19
Fluoranthene
Concen: 0.416 ng/ul
RT: 19.504 min Scan# 3709
Delta R.T. -0.005 min
Lab File: BN022900.D
Acq: 27 Nov 2022 02:40

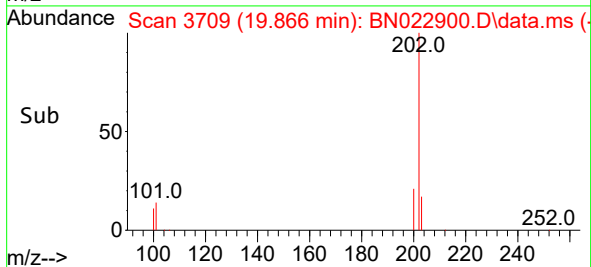
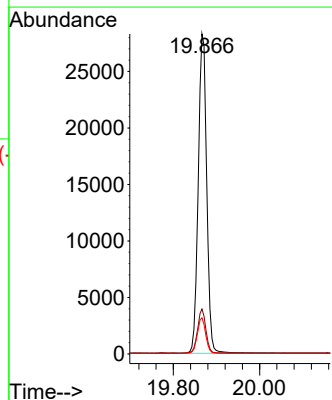
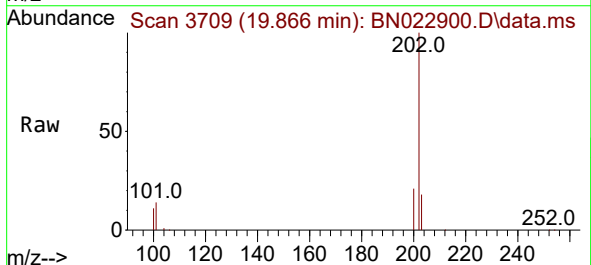
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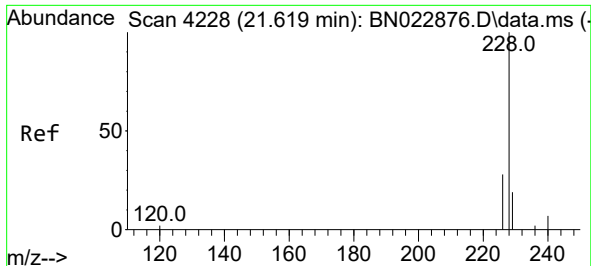
Tgt Ion:202 Resp: 39533
Ion Ratio Lower Upper
202 100
101 11.9 9.2 13.8
100 8.9 6.9 10.3



#20
Pyrene
Concen: 0.412 ng/ul
RT: 19.866 min Scan# 3709
Delta R.T. -0.005 min
Lab File: BN022900.D
Acq: 27 Nov 2022 02:40

Tgt Ion:202 Resp: 38396
Ion Ratio Lower Upper
202 100
101 14.0 10.6 16.0
100 11.3 8.2 12.4

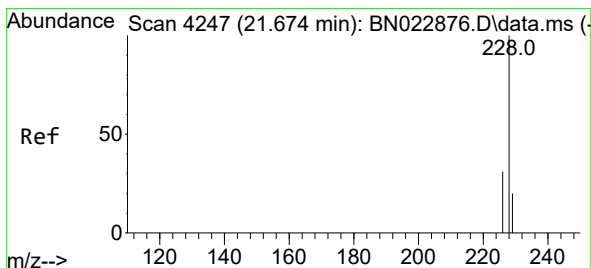
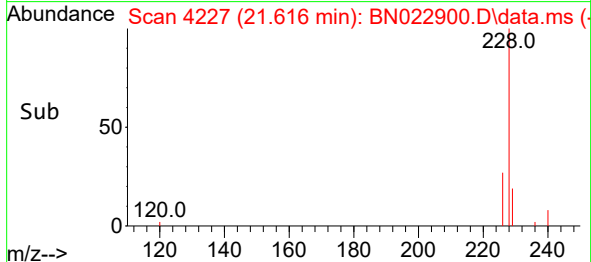
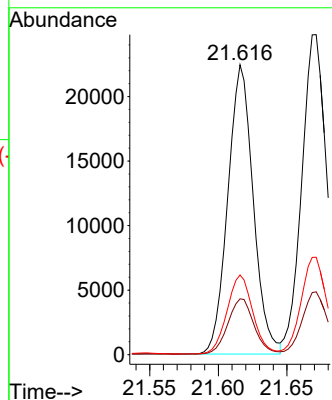
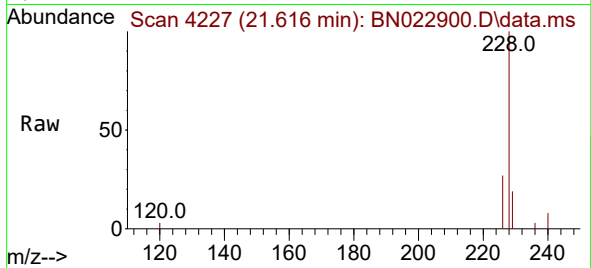




#21
Benzo(a)anthracene
Concen: 0.411 ng/ul
RT: 21.616 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN022900.D
Acq: 27 Nov 2022 02:40

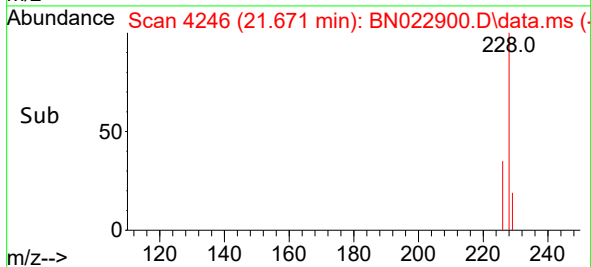
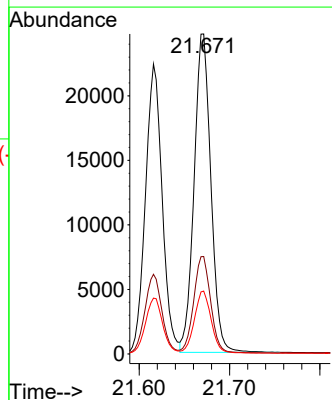
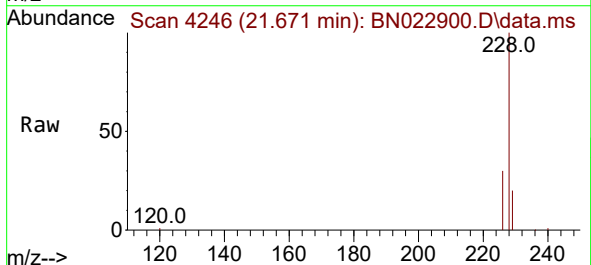
Instrument :
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SSTD0.4342

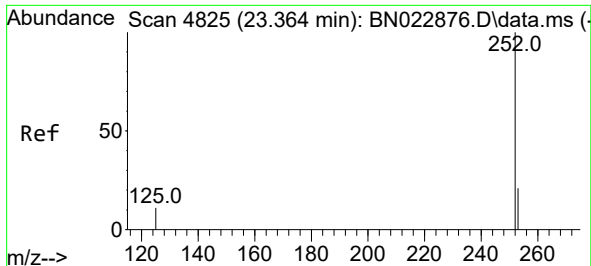
Tgt Ion:228 Resp: 28890
Ion Ratio Lower Upper
228 100
229 19.3 15.5 23.3
226 27.5 22.2 33.4



#22
Chrysene
Concen: 0.413 ng/ul
RT: 21.671 min Scan# 4246
Delta R.T. -0.003 min
Lab File: BN022900.D
Acq: 27 Nov 2022 02:40

Tgt Ion:228 Resp: 31859
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 19.6 15.8 23.8

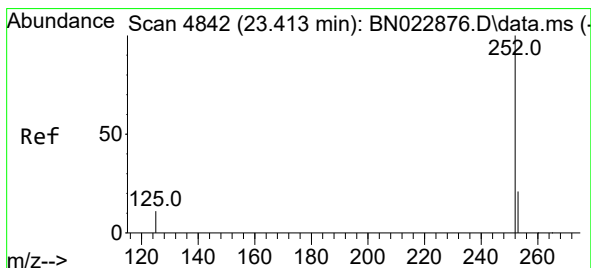
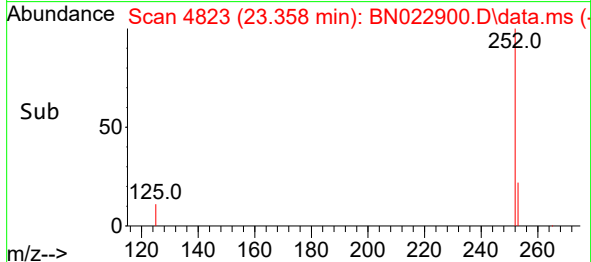
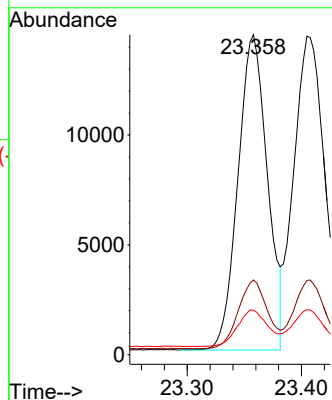
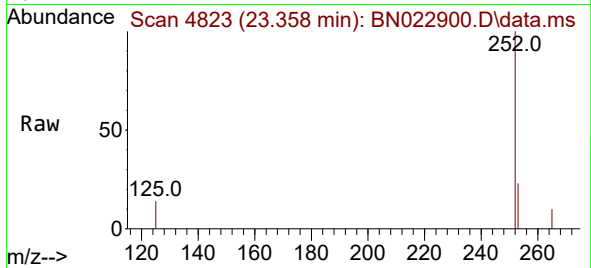




#24
Benzo(b)fluoranthene
Concen: 0.408 ng/ul
RT: 23.358 min Scan# 4823
Delta R.T. -0.006 min
Lab File: BN022900.D
Acq: 27 Nov 2022 02:40

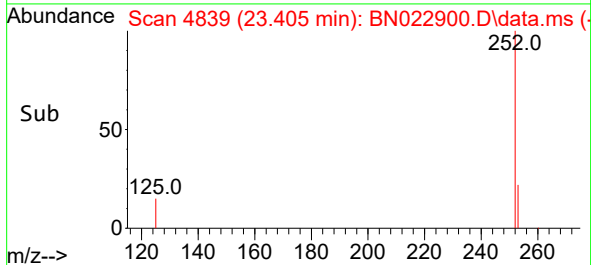
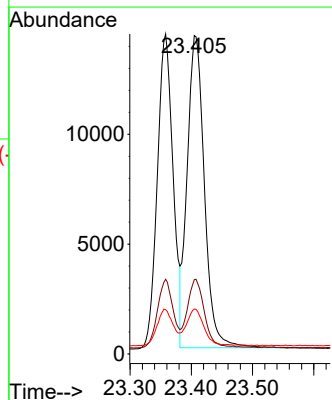
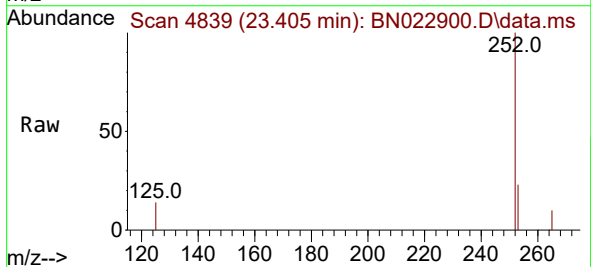
Instrument :
BNA_N
ClientSampleId :
SSTD0.4342

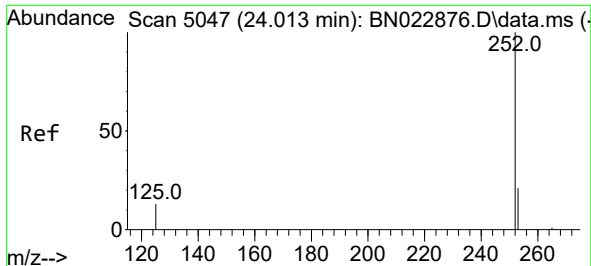
Tgt Ion:252 Resp: 25646
Ion Ratio Lower Upper
252 100
253 23.3 0.0 46.0
125 13.9 0.0 28.6



#25
Benzo(k)fluoranthene
Concen: 0.420 ng/ul
RT: 23.405 min Scan# 4839
Delta R.T. -0.009 min
Lab File: BN022900.D
Acq: 27 Nov 2022 02:40

Tgt Ion:252 Resp: 27877
Ion Ratio Lower Upper
252 100
253 23.3 18.7 28.1
125 14.1 11.3 16.9

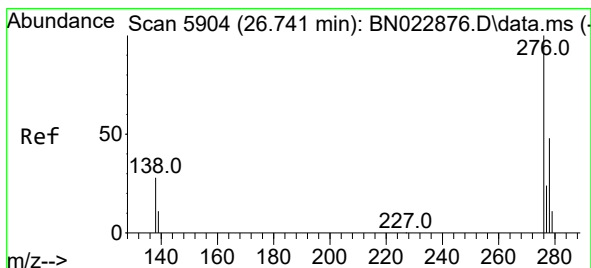
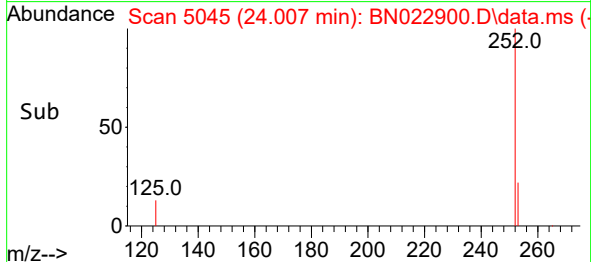
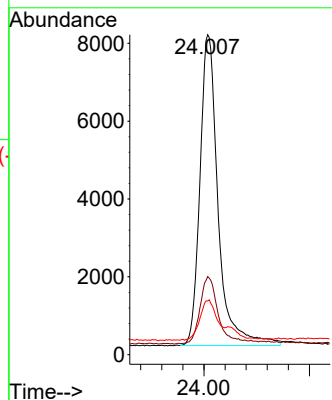
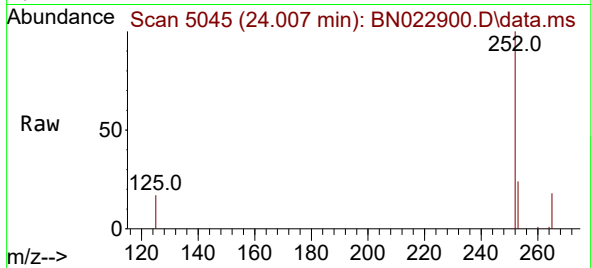




#26
Benzo(a)pyrene
Concen: 0.400 ng/ul
RT: 24.007 min Scan# 5045
Delta R.T. -0.006 min
Lab File: BN022900.D
Acq: 27 Nov 2022 02:40

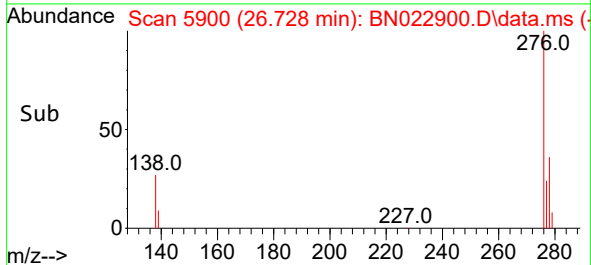
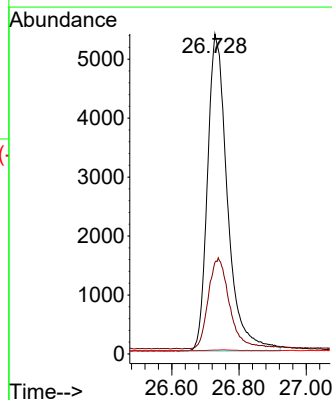
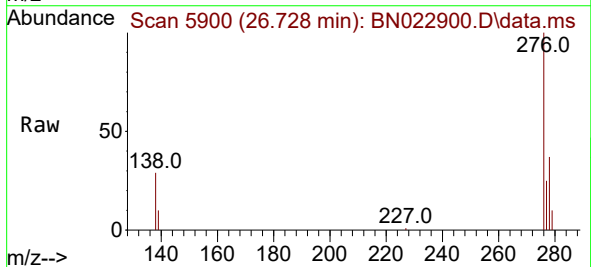
Instrument :
BNA_N
ClientSampleId :
SSTD0.4342

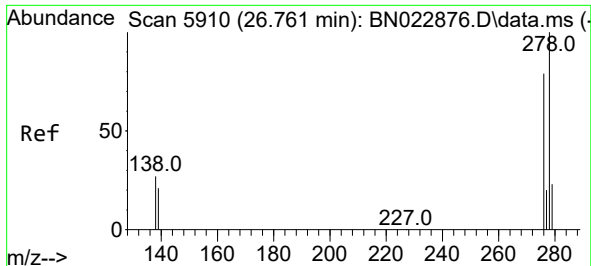
Tgt Ion:252 Resp: 19142
Ion Ratio Lower Upper
252 100
253 24.4 19.7 29.5
125 16.8 13.7 20.5



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.390 ng/ul
RT: 26.728 min Scan# 5900
Delta R.T. -0.013 min
Lab File: BN022900.D
Acq: 27 Nov 2022 02:40

Tgt Ion:276 Resp: 22179
Ion Ratio Lower Upper
276 100
138 0.0 0.0 0.0
227 0.1 0.0 0.0#

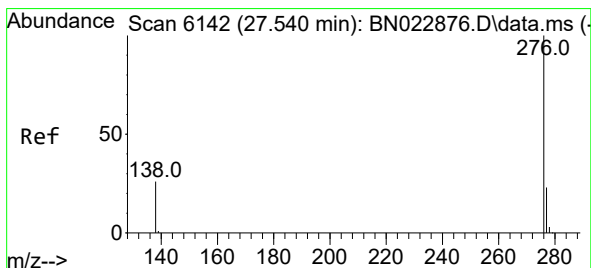
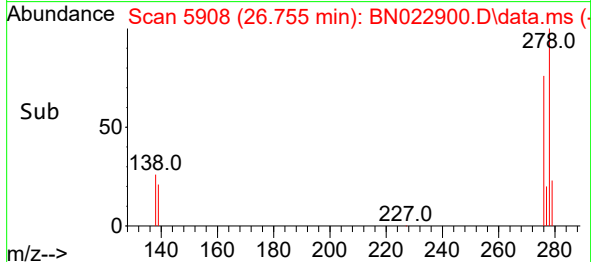
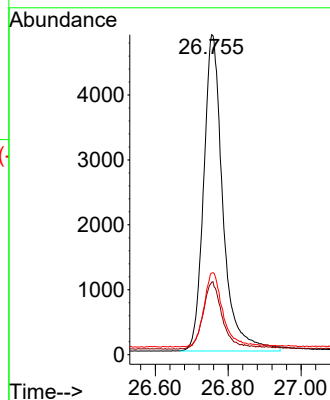
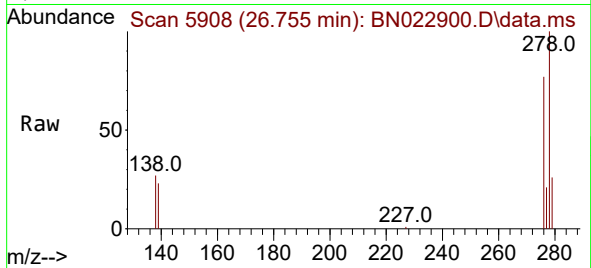




#28
 Dibenzo(a,h)anthracene
 Concen: 0.395 ng/ul
 RT: 26.755 min Scan# 5908
 Delta R.T. -0.007 min
 Lab File: BN022900.D
 Acq: 27 Nov 2022 02:40

Instrument :
 BNA_N
 ClientSampleId :
 SST0.4342

Tgt Ion:278 Resp: 17859
 Ion Ratio Lower Upper
 278 100
 139 22.7 18.3 27.5
 279 25.5 20.4 30.6



#29
 Benzo(g,h,i)perylene
 Concen: 0.381 ng/ul
 RT: 27.533 min Scan# 6140
 Delta R.T. -0.007 min
 Lab File: BN022900.D
 Acq: 27 Nov 2022 02:40

Tgt Ion:276 Resp: 18905
 Ion Ratio Lower Upper
 276 100
 138 27.4 22.1 33.1
 277 25.2 19.4 29.2

