

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112622\
 Data File : BN022874.D
 Acq On : 26 Nov 2022 09:57
 Operator : CG/JU
 Sample : SST0.152
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.1209

Quant Time: Nov 28 03:00:50 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 02:35:52 2022
 Response via : Initial Calibration

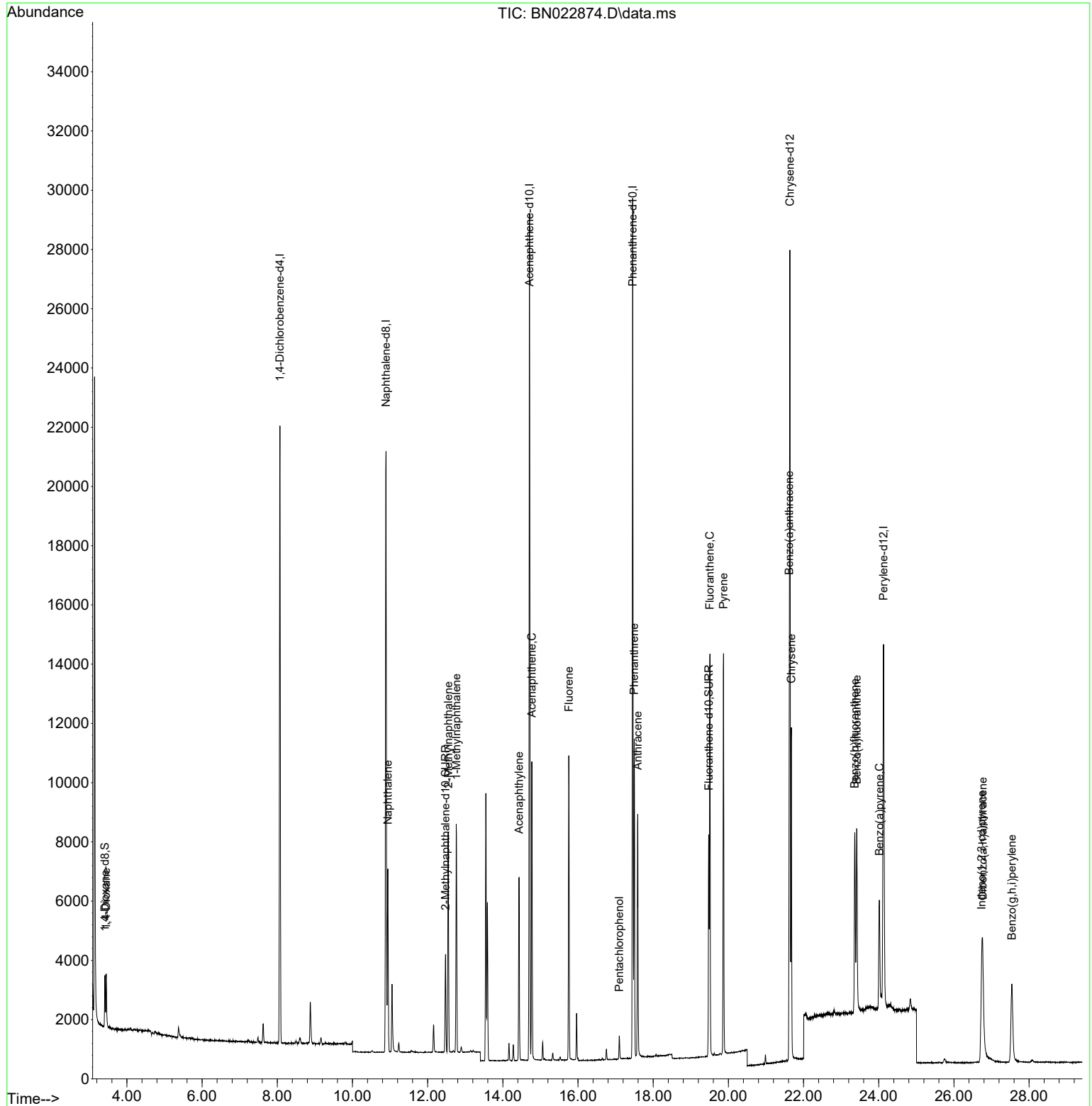
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	10181	0.400	ng/ul	0.00
4) Naphthalene-d8	10.892	136	27191	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.710	164	14815	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.453	188	32547	0.400	ng/ul	0.00
17) Chrysene-d12	21.636	240	23012	0.400	ng/ul	0.00
23) Perylene-d12	24.127	264	18189	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.416	96	1172	0.096	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.476	152	4040	0.098	ng/ul	0.00
18) Fluoranthene-d10	19.476	212	7954	0.094	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.450	88	1247	0.098	ng/ul#	86
5) Naphthalene	10.942	128	8077	0.098	ng/ul	98
7) 2-Methylnaphthalene	12.547	142	5028	0.097	ng/ul	99
8) 1-Methylnaphthalene	12.762	142	5106	0.097	ng/ul	99
10) Acenaphthylene	14.428	152	6914	0.095	ng/ul	98
11) Acenaphthene	14.770	153	5615	0.097	ng/ul	98
12) Fluorene	15.756	166	6178	0.094	ng/ul	99
14) Pentachlorophenol	17.099	266	524	0.077	ng/ul#	100
15) Phenanthrene	17.496	178	10892	0.098	ng/ul	99
16) Anthracene	17.589	178	9089	0.095	ng/ul	97
19) Fluoranthene	19.509	202	11103	0.093	ng/ul	100
20) Pyrene	19.871	202	11252	0.097	ng/ul	99
21) Benzo(a)anthracene	21.622	228	8703	0.099	ng/ul	99
22) Chrysene	21.674	228	9682	0.100	ng/ul	99
24) Benzo(b)fluoranthene	23.364	252	8339	0.090	ng/ul	92
25) Benzo(k)fluoranthene	23.414	252	8969	0.092	ng/ul#	90
26) Benzo(a)pyrene	24.016	252	6646	0.095	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.738	276	7288	0.087	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.765	278	5790	0.087	ng/ul#	92
29) Benzo(g,h,i)perylene	27.540	276	6495	0.089	ng/ul	96

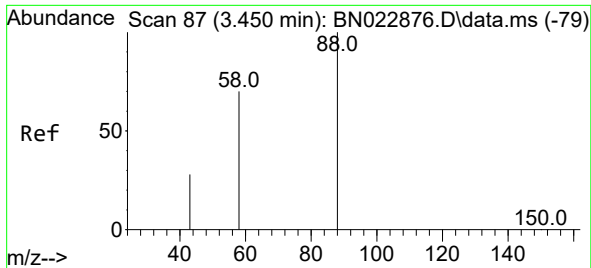
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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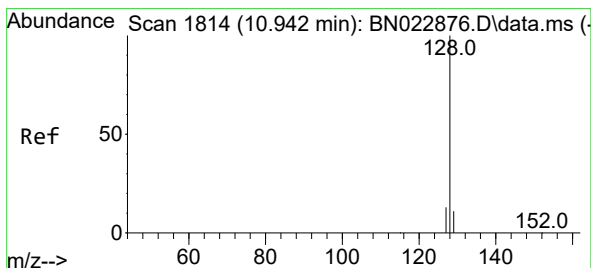
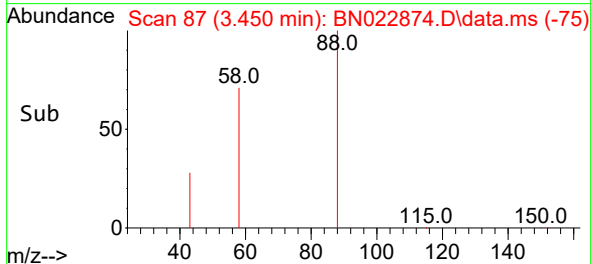
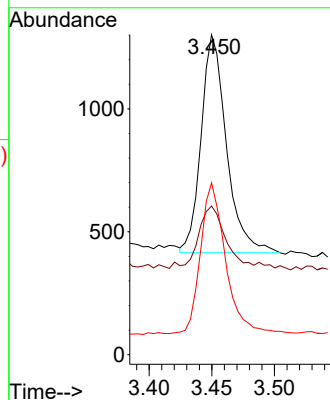
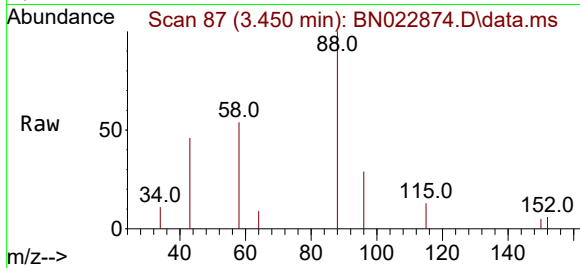




#2
1,4-Dioxane
Concen: 0.098 ng/ul
RT: 3.450 min Scan# 87
Delta R.T. 0.000 min
Lab File: BN022874.D
Acq: 26 Nov 2022 09:57

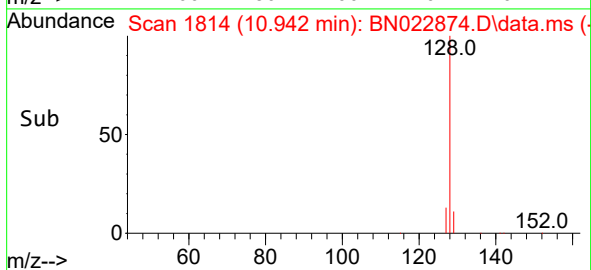
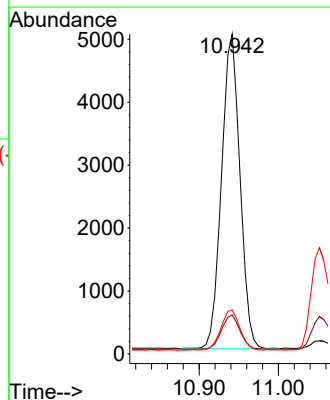
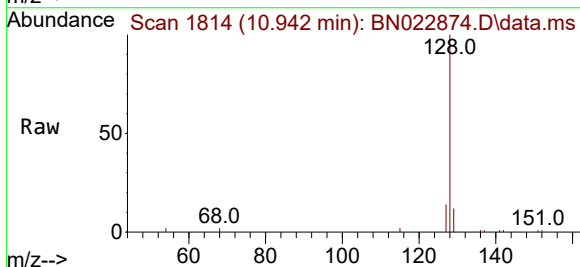
Instrument :
BNA_N
ClientSampleId :
SSTD0.1209

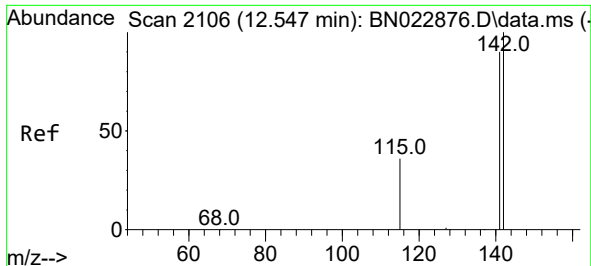
Tgt Ion: 88 Resp: 1247
Ion Ratio Lower Upper
88 100
43 46.5 26.2 39.4#
58 53.7 47.6 71.4



#5
Naphthalene
Concen: 0.098 ng/ul
RT: 10.942 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BN022874.D
Acq: 26 Nov 2022 09:57

Tgt Ion: 128 Resp: 8077
Ion Ratio Lower Upper
128 100
129 12.2 9.0 13.6
127 13.8 10.6 16.0

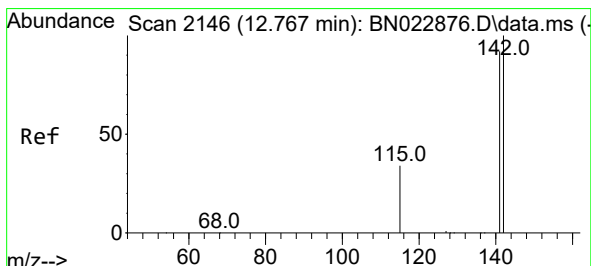
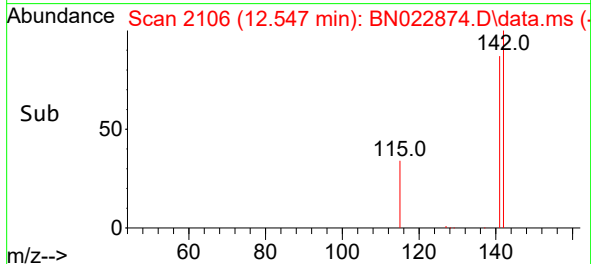
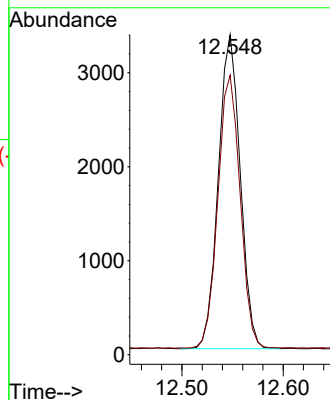
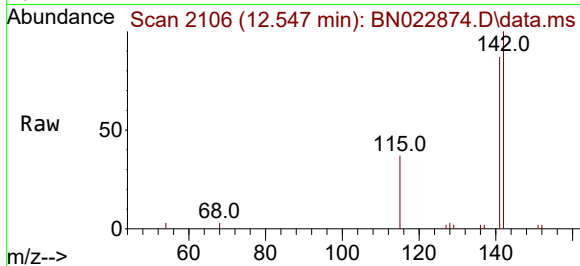




#7
2-Methylnaphthalene
Concen: 0.097 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BN022874.D
Acq: 26 Nov 2022 09:57

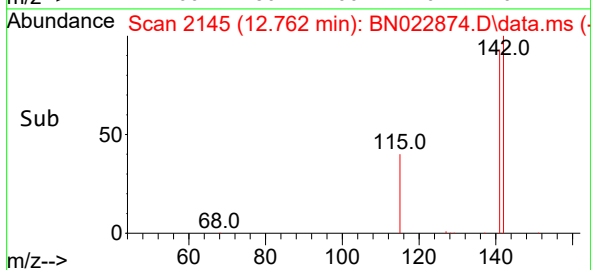
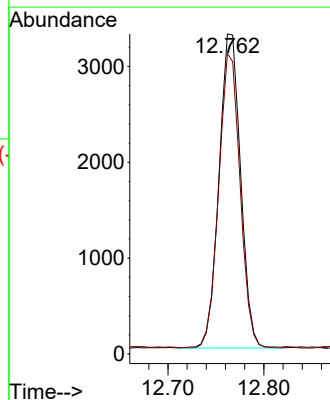
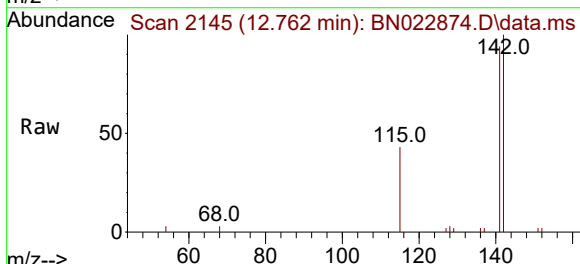
Instrument :
BNA_N
ClientSampleId :
SSTD0.1209

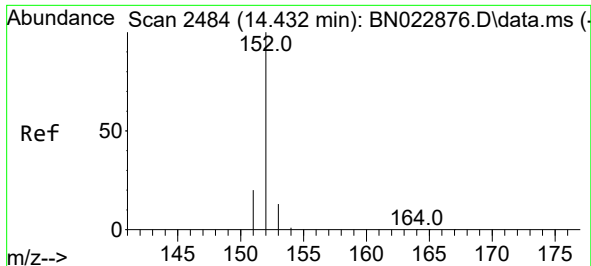
Tgt Ion:142 Resp: 5028
Ion Ratio Lower Upper
142 100
141 88.2 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.097 ng/ul
RT: 12.762 min Scan# 2145
Delta R.T. -0.005 min
Lab File: BN022874.D
Acq: 26 Nov 2022 09:57

Tgt Ion:142 Resp: 5106
Ion Ratio Lower Upper
142 100
141 92.8 73.8 110.6

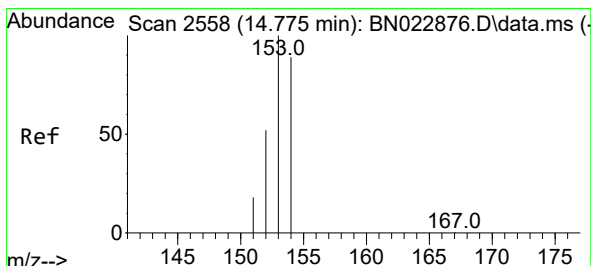
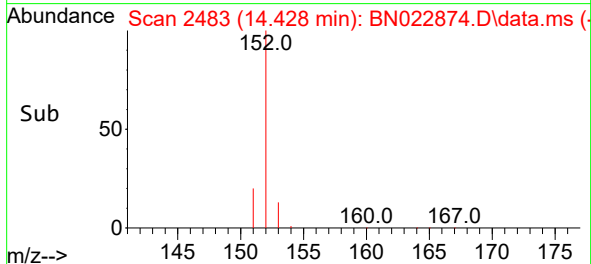
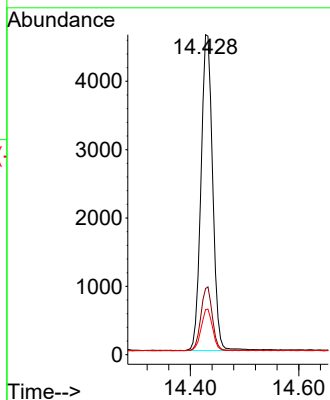
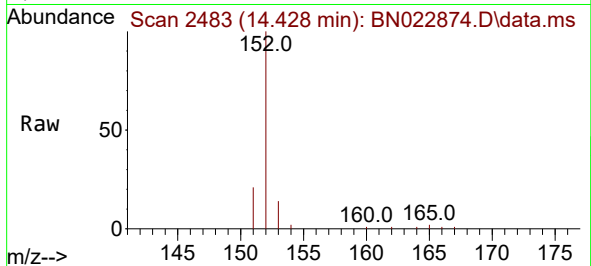




#10
Acenaphthylene
Concen: 0.095 ng/ul
RT: 14.428 min Scan# 2484
Delta R.T. -0.005 min
Lab File: BN022874.D
Acq: 26 Nov 2022 09:57

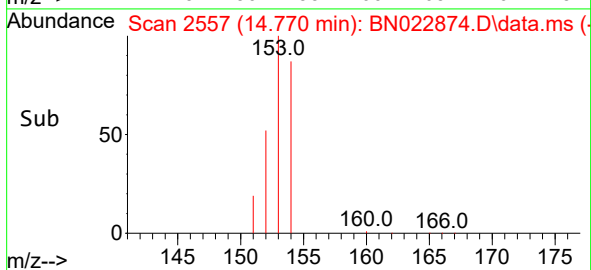
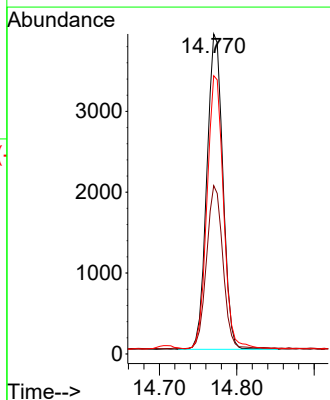
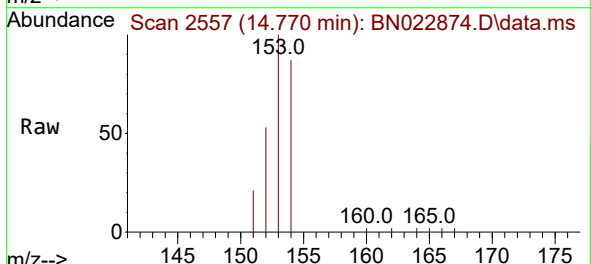
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BNA_N
ClientSampleId :
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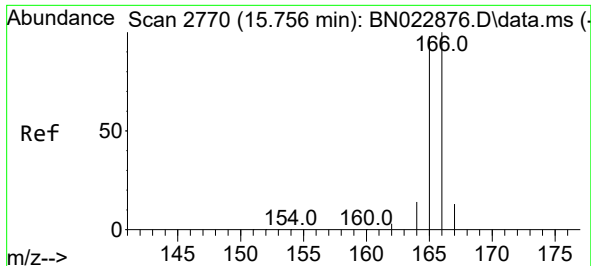
Tgt Ion:152 Resp: 6914
Ion Ratio Lower Upper
152 100
151 20.7 16.0 24.0
153 14.1 10.5 15.7



#11
Acenaphthene
Concen: 0.097 ng/ul
RT: 14.770 min Scan# 2557
Delta R.T. -0.005 min
Lab File: BN022874.D
Acq: 26 Nov 2022 09:57

Tgt Ion:153 Resp: 5615
Ion Ratio Lower Upper
153 100
152 52.6 41.8 62.8
154 87.0 71.3 106.9

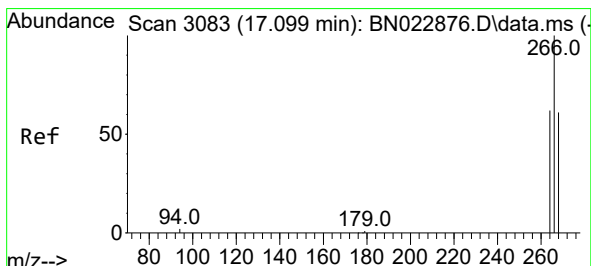
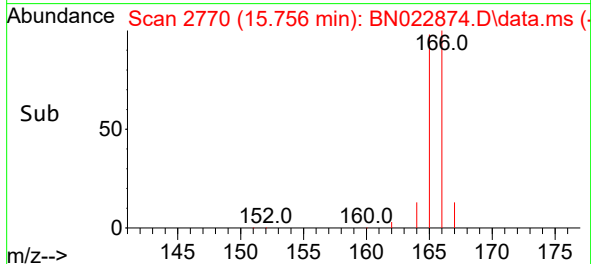
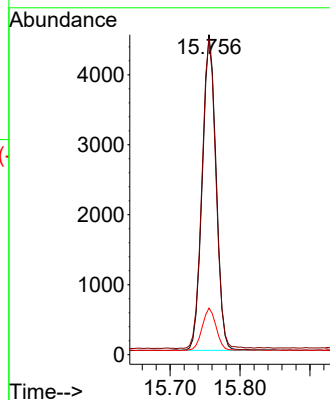
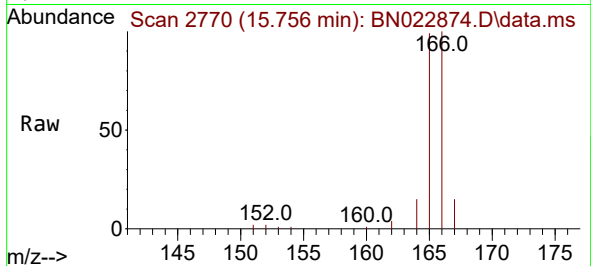




#12
Fluorene
Concen: 0.094 ng/ul
RT: 15.756 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN022874.D
Acq: 26 Nov 2022 09:57

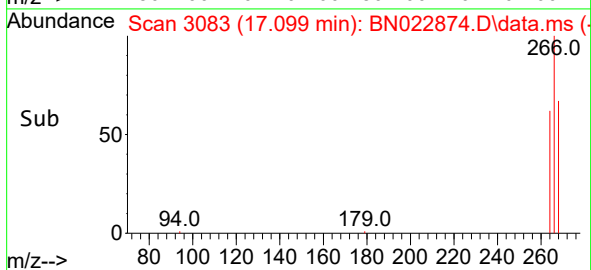
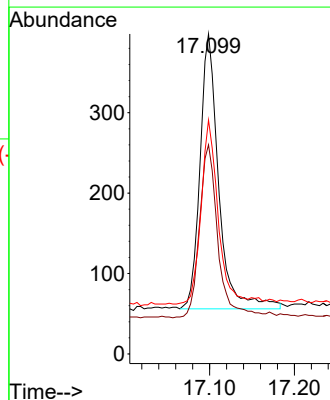
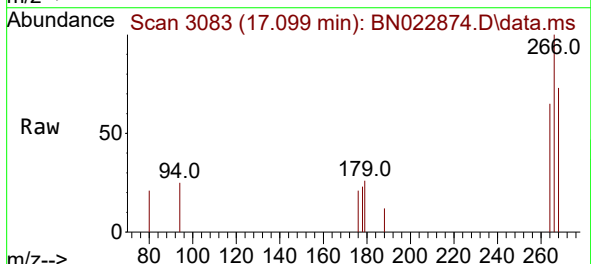
Instrument :
BNA_N
ClientSampleId :
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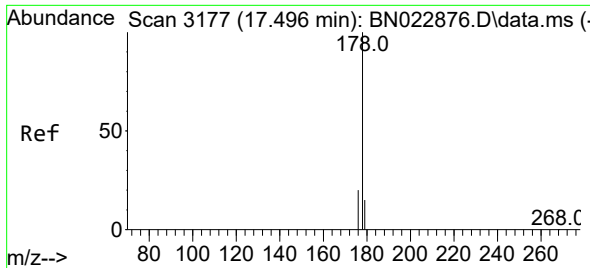
Tgt Ion:166 Resp: 6178
Ion Ratio Lower Upper
166 100
165 98.6 78.7 118.1
167 14.6 10.8 16.2



#14
Pentachlorophenol
Concen: 0.077 ng/ul
RT: 17.099 min Scan# 3083
Delta R.T. 0.000 min
Lab File: BN022874.D
Acq: 26 Nov 2022 09:57

Tgt Ion:266 Resp: 524
Ion Ratio Lower Upper
266 100
264 62.8 0.0 0.0#
268 62.8 0.0 0.0#

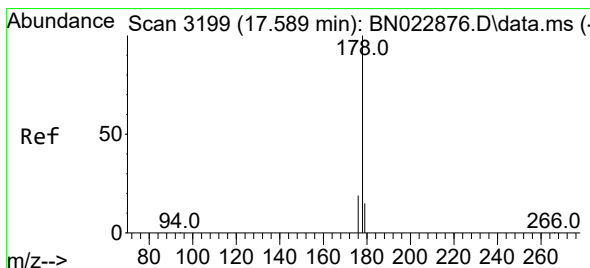
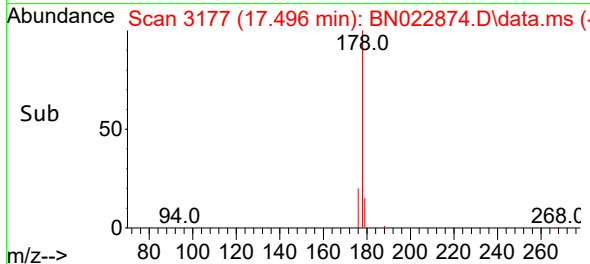
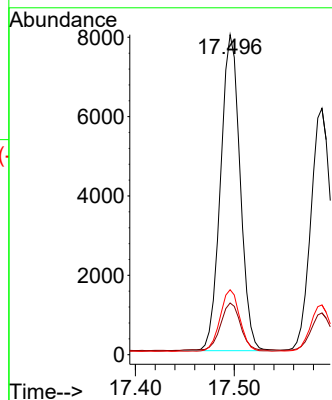
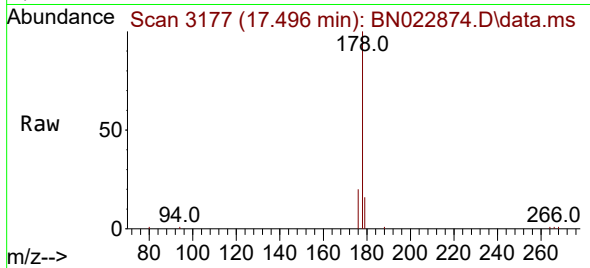




#15
Phenanthrene
Concen: 0.098 ng/u1
RT: 17.496 min Scan# 3177
Delta R.T. 0.000 min
Lab File: BN022874.D
Acq: 26 Nov 2022 09:57

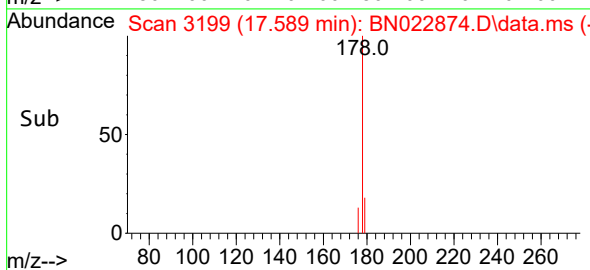
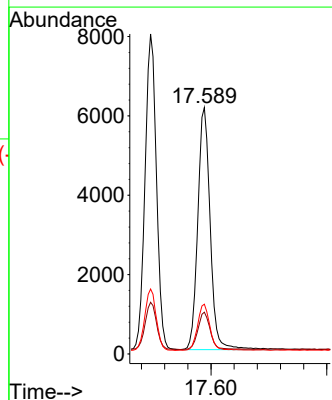
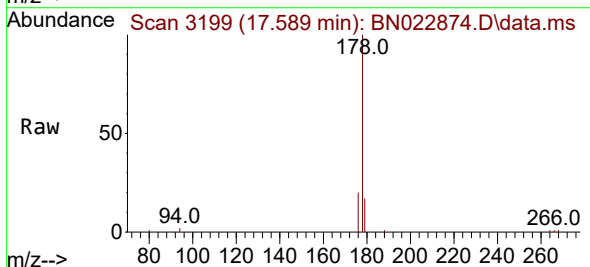
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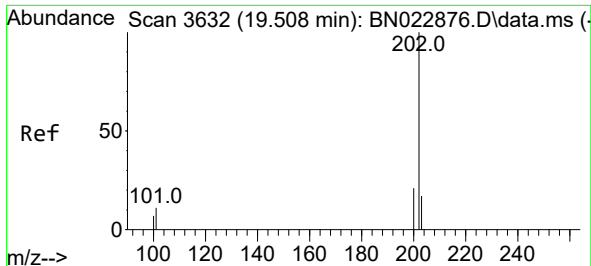
Tgt Ion:178 Resp: 10892
Ion Ratio Lower Upper
178 100
179 16.1 12.5 18.7
176 20.3 15.9 23.9



#16
Anthracene
Concen: 0.095 ng/u1
RT: 17.589 min Scan# 3199
Delta R.T. 0.000 min
Lab File: BN022874.D
Acq: 26 Nov 2022 09:57

Tgt Ion:178 Resp: 9089
Ion Ratio Lower Upper
178 100
179 16.9 12.6 18.8
176 20.2 15.3 22.9

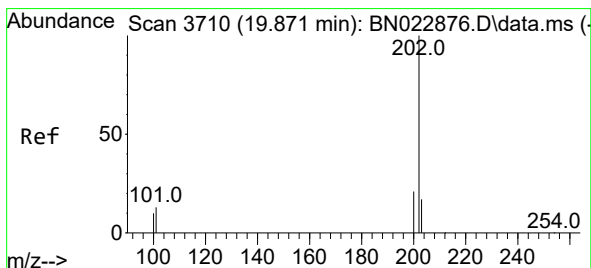
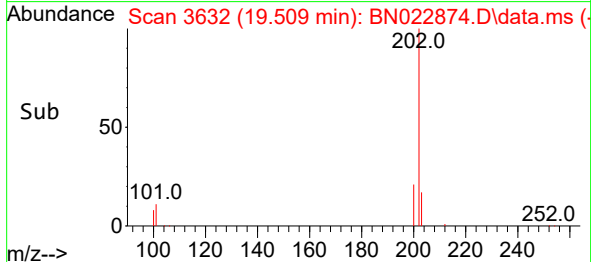
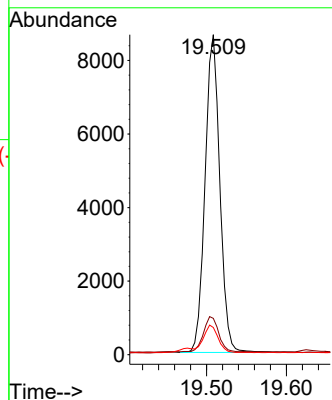
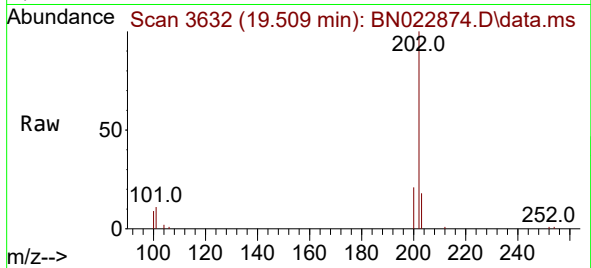




#19
Fluoranthene
Concen: 0.093 ng/ul
RT: 19.509 min Scan# 3632
Delta R.T. 0.000 min
Lab File: BN022874.D
Acq: 26 Nov 2022 09:57

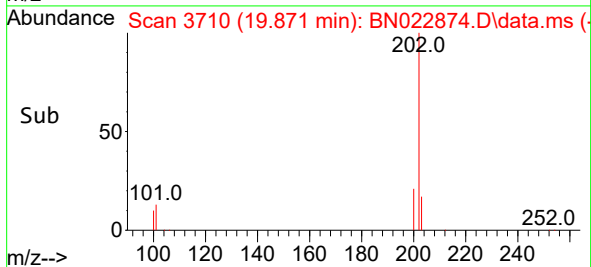
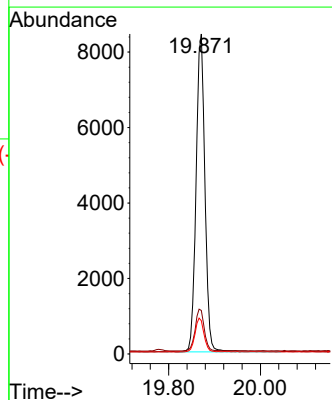
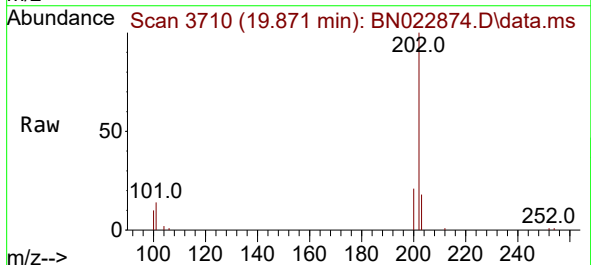
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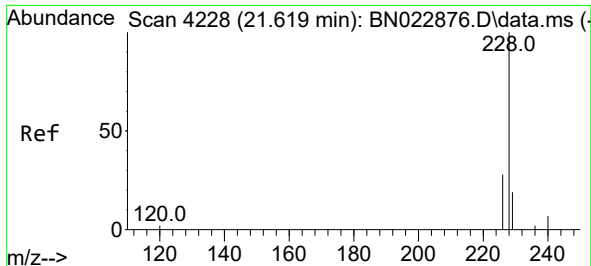
Tgt Ion:202 Resp: 11103
Ion Ratio Lower Upper
202 100
101 11.4 9.2 13.8
100 8.5 6.9 10.3



#20
Pyrene
Concen: 0.097 ng/ul
RT: 19.871 min Scan# 3710
Delta R.T. 0.000 min
Lab File: BN022874.D
Acq: 26 Nov 2022 09:57

Tgt Ion:202 Resp: 11252
Ion Ratio Lower Upper
202 100
101 13.6 10.6 16.0
100 10.4 8.2 12.4

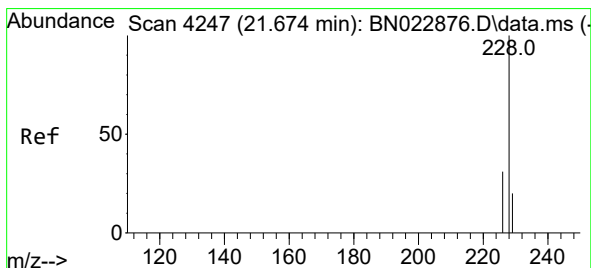
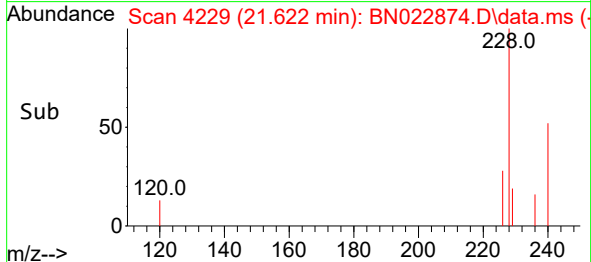
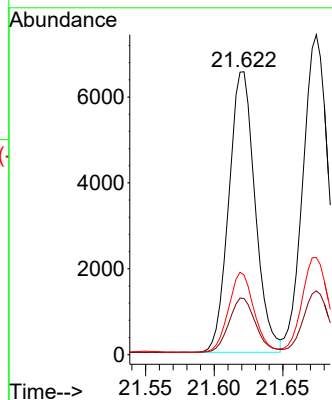
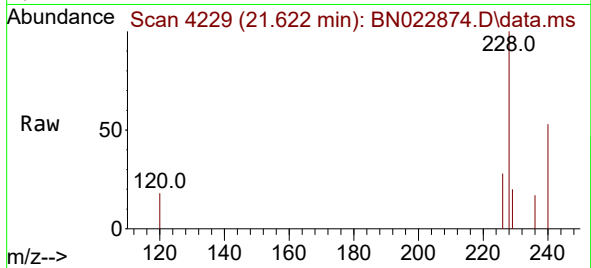




#21
Benzo(a)anthracene
Concen: 0.099 ng/ul
RT: 21.622 min Scan# 4229
Delta R.T. 0.003 min
Lab File: BN022874.D
Acq: 26 Nov 2022 09:57

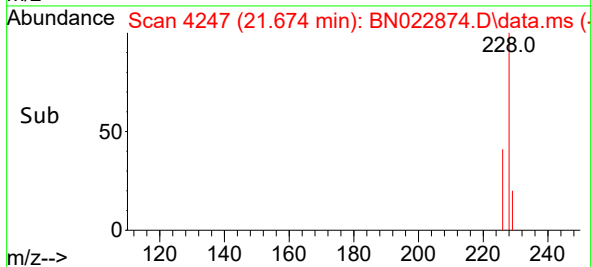
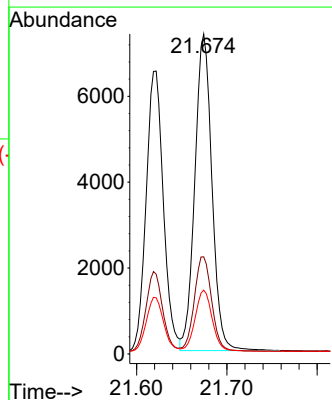
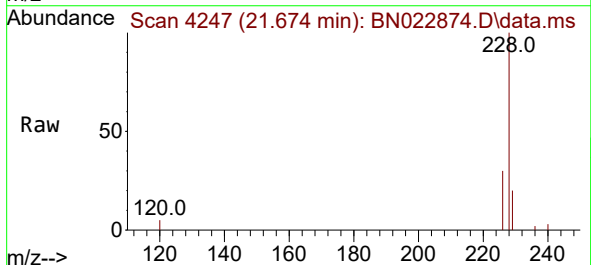
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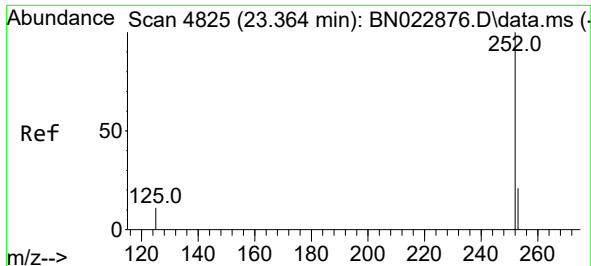
Tgt Ion:228 Resp: 8703
Ion Ratio Lower Upper
228 100
229 19.9 15.5 23.3
226 28.2 22.2 33.4



#22
Chrysene
Concen: 0.100 ng/ul
RT: 21.674 min Scan# 4247
Delta R.T. 0.000 min
Lab File: BN022874.D
Acq: 26 Nov 2022 09:57

Tgt Ion:228 Resp: 9682
Ion Ratio Lower Upper
228 100
226 30.3 24.6 37.0
229 19.9 15.8 23.8

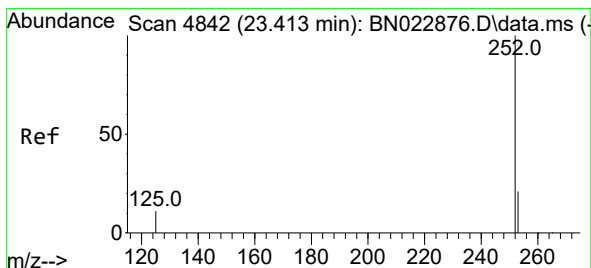
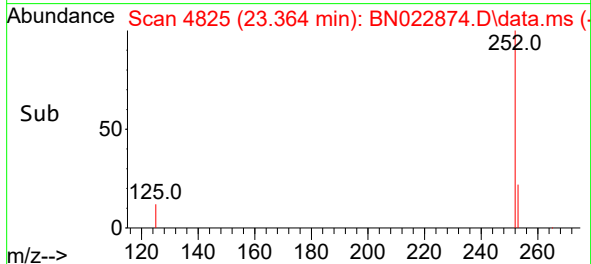
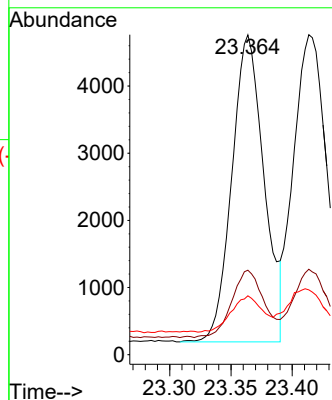
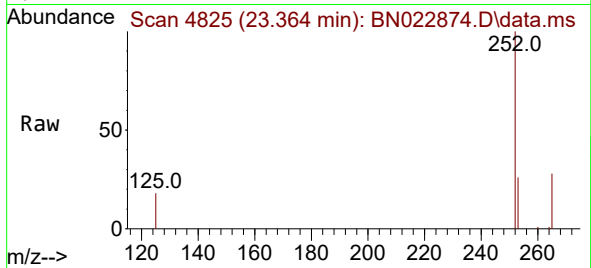




#24
Benzo(b)fluoranthene
Concen: 0.090 ng/ul
RT: 23.364 min Scan# 4825
Delta R.T. 0.000 min
Lab File: BN022874.D
Acq: 26 Nov 2022 09:57

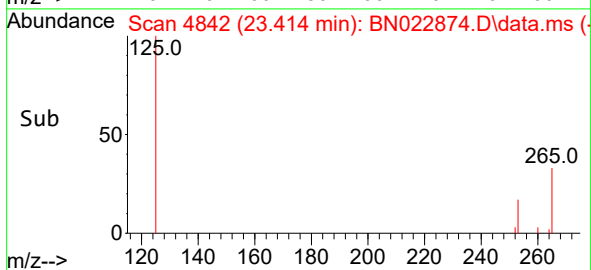
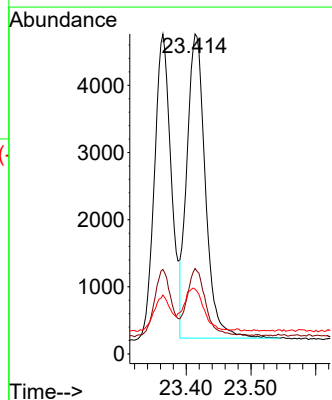
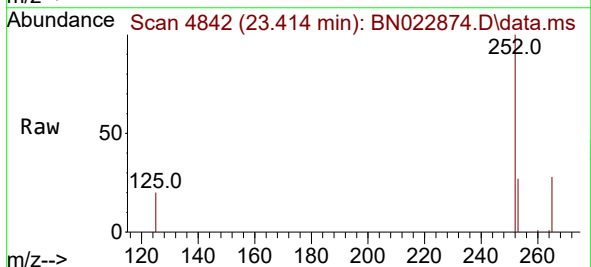
Instrument :
BNA_N
ClientSampleId :
SSTD0.1209

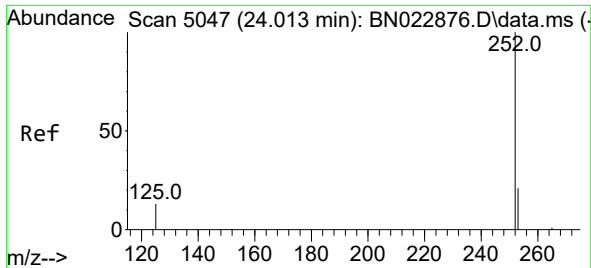
Tgt Ion:252 Resp: 8339
Ion Ratio Lower Upper
252 100
253 26.4 0.0 46.0
125 18.4 0.0 28.6



#25
Benzo(k)fluoranthene
Concen: 0.092 ng/ul
RT: 23.414 min Scan# 4842
Delta R.T. 0.000 min
Lab File: BN022874.D
Acq: 26 Nov 2022 09:57

Tgt Ion:252 Resp: 8969
Ion Ratio Lower Upper
252 100
253 26.7 18.7 28.1
125 20.2 11.3 16.9#

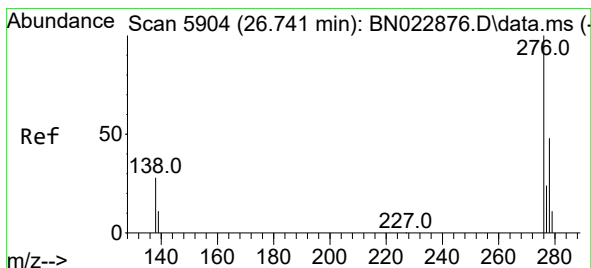
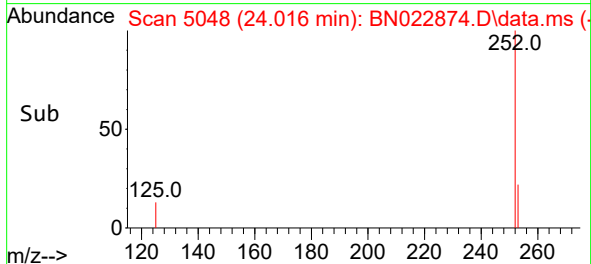
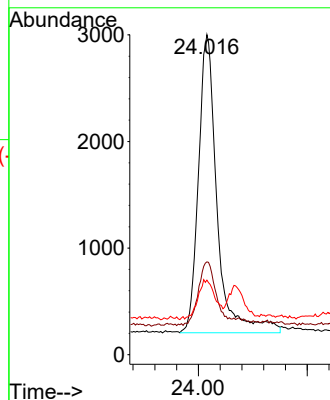
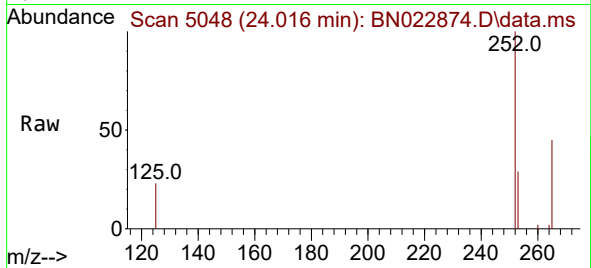




#26
Benzo(a)pyrene
Concen: 0.095 ng/ul
RT: 24.016 min Scan# 5047
Delta R.T. 0.003 min
Lab File: BN022874.D
Acq: 26 Nov 2022 09:57

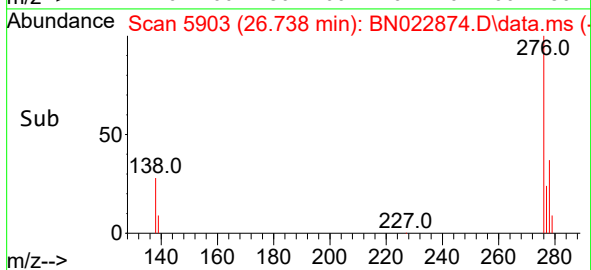
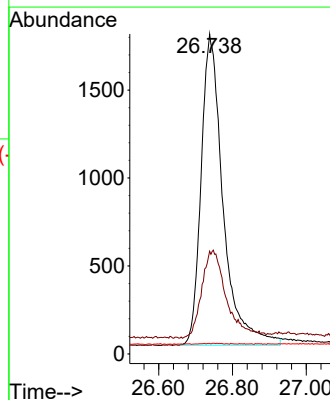
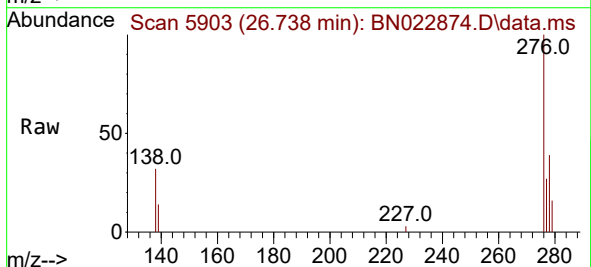
Instrument :
BNA_N
ClientSampleId :
SSTD0.1209

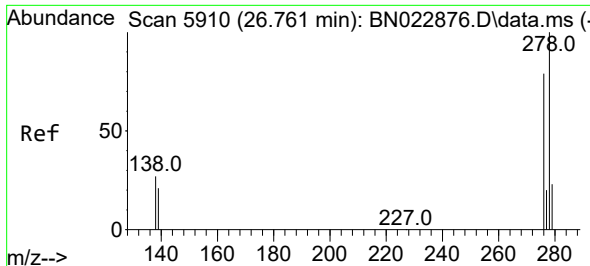
Tgt Ion:252 Resp: 6646
Ion Ratio Lower Upper
252 100
253 29.0 19.7 29.5
125 23.3 13.7 20.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.087 ng/ul
RT: 26.738 min Scan# 5903
Delta R.T. -0.003 min
Lab File: BN022874.D
Acq: 26 Nov 2022 09:57

Tgt Ion:276 Resp: 7288
Ion Ratio Lower Upper
276 100
138 0.0 0.0 0.0
227 0.1 0.0 0.0#

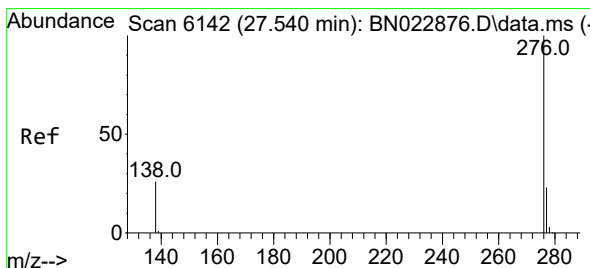
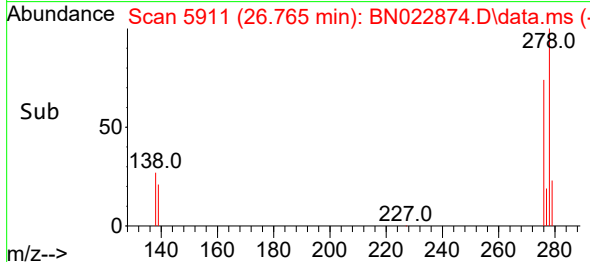
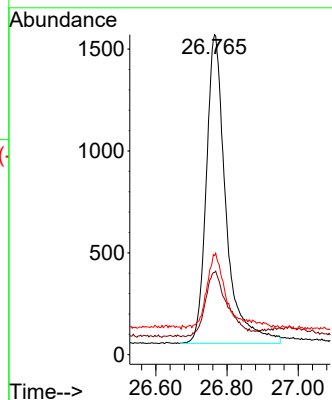
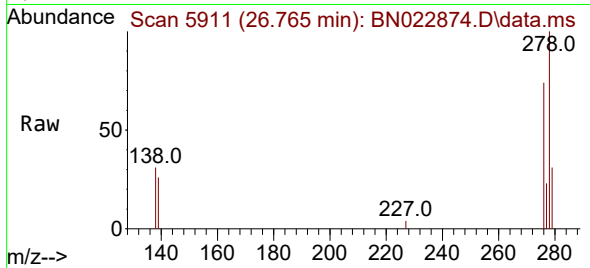




#28
Dibenzo(a,h)anthracene
Concen: 0.087 ng/ul
RT: 26.765 min Scan# 5911
Delta R.T. 0.003 min
Lab File: BN022874.D
Acq: 26 Nov 2022 09:57

Instrument :
BNA_N
ClientSampleId :
SSTD0.1209

Tgt Ion:278 Resp: 5790
Ion Ratio Lower Upper
278 100
139 25.7 18.3 27.5
279 30.9 20.4 30.6#



#29
Benzo(g,h,i)perylene
Concen: 0.089 ng/ul
RT: 27.540 min Scan# 6142
Delta R.T. 0.000 min
Lab File: BN022874.D
Acq: 26 Nov 2022 09:57

Tgt Ion:276 Resp: 6495
Ion Ratio Lower Upper
276 100
138 29.6 22.1 33.1
277 26.9 19.4 29.2

