

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022421\
 Data File : BN013750.D
 Acq On : 25 Feb 2021 05:56
 Operator : CG/JU
 Sample : M1473-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GW803-20-25-022321

Quant Time: Feb 25 07:05:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 24 21:36:22 2021
 Response via : Initial Calibration

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

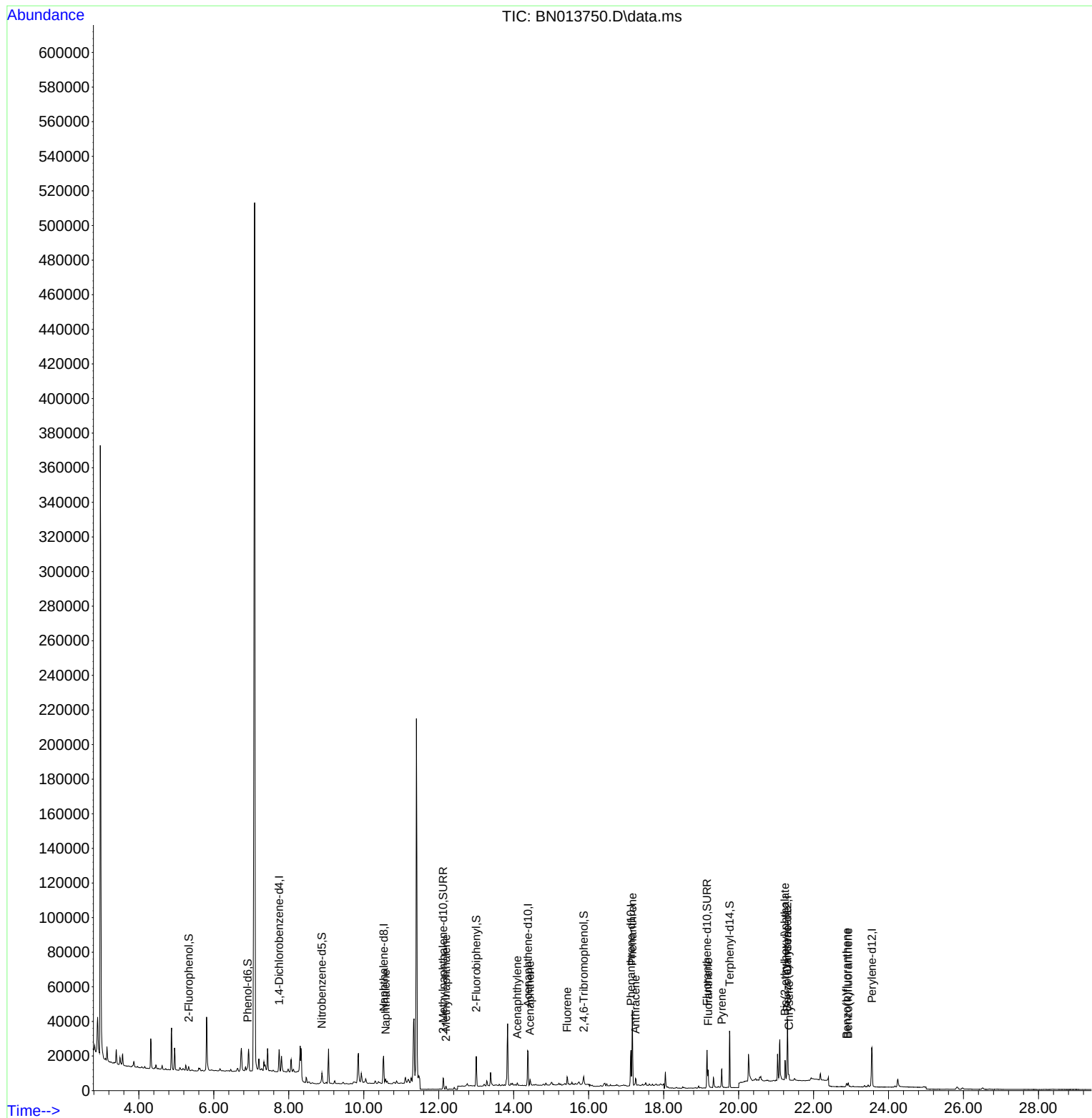
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	5570	0.40	ng	0.00
7) Naphthalene-d8	10.530	136	22246	0.40	ng	0.00
13) Acenaphthene-d10	14.384	164	13458	0.40	ng	0.00
19) Phenanthrene-d10	17.128	188	28870	0.40	ng	# 0.00
29) Chrysene-d12	21.303	240	30389	0.40	ng	-0.01
36) Perylene-d12	23.554	264	30108	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.333	112	1799	0.12	ng	0.00
5) Phenol-d6	6.903	99	1536	0.08	ng	0.00
8) Nitrobenzene-d5	8.883	82	4770	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.120	152	8739	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	3410	0.62	ng	0.00
15) 2-Fluorobiphenyl	13.001	172	13370	0.28	ng	-0.01
27) Fluoranthene-d10	19.158	212	24601	0.29	ng	0.00
31) Terphenyl-d14	19.759	244	31409	0.47	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.581	128	2579	0.05	ng	# 86
12) 2-Methylnaphthalene	12.195	142	1288	0.03	ng	# 87
16) Acenaphthylene	14.092	152	1430	0.02	ng	# 89
17) Acenaphthene	14.435	154	1756	0.05	ng	# 94
18) Fluorene	15.425	166	2891	0.06	ng	# 93
25) Phenanthrene	17.165	178	41406	0.55	ng	99
26) Anthracene	17.250	178	4597	0.06	ng	# 95
28) Fluoranthene	19.188	202	8736	0.10	ng	# 96
30) Pyrene	19.551	202	9351	0.10	ng	97
32) Benzo(a)anthracene	21.292	228	2833	0.03	ng	# 81
33) Chrysene	21.345	228	3238	0.04	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.239	149	10887	0.25	ng	100
37) Benzo(b)fluoranthene	22.880	252	2788	0.03	ng	# 53
38) Benzo(k)fluoranthene	22.924	252	1943	0.02	ng	# 1

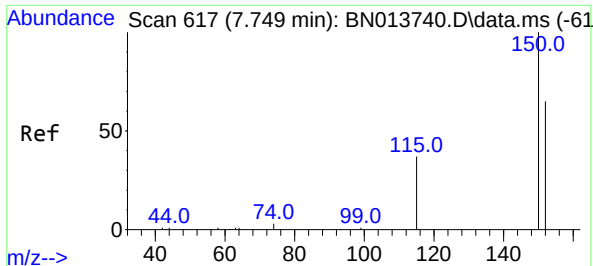
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022421\
Data File : BN013750.D
Acq On : 25 Feb 2021 05:56
Operator : CG/JU
Sample : M1473-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GW803-20-25-022321

Quant Time: Feb 25 07:05:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 24 21:36:22 2021
Response via : Initial Calibration

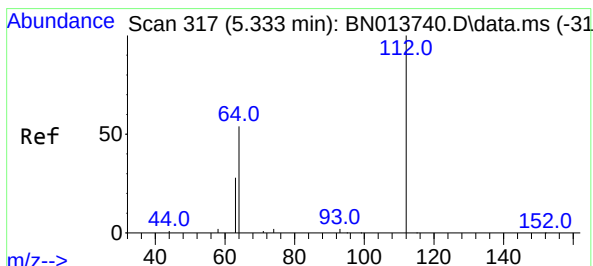
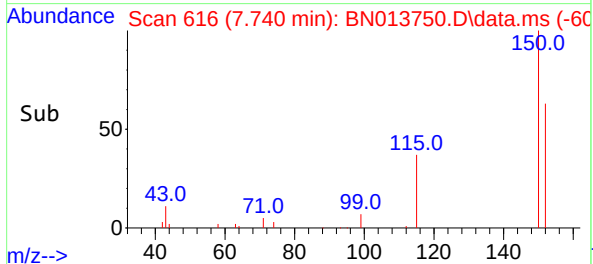
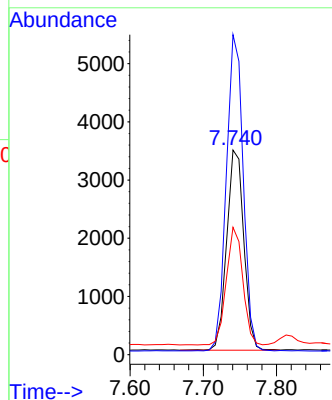
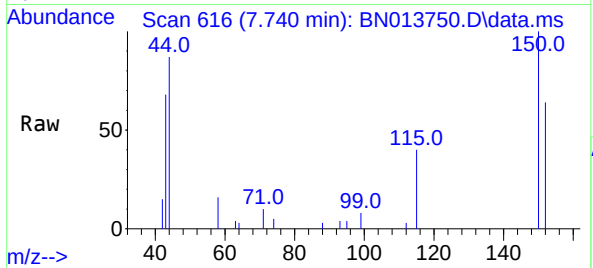




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.740 min Scan# 616
Delta R.T. -0.008 min
Lab File: BN013750.D
Acq: 25 Feb 2021 05:56

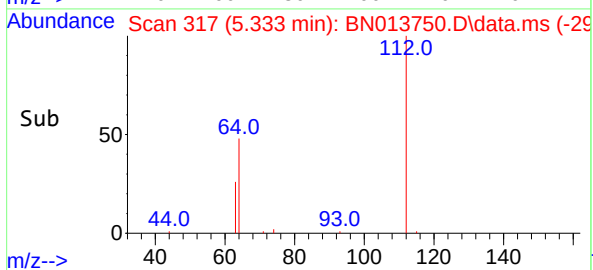
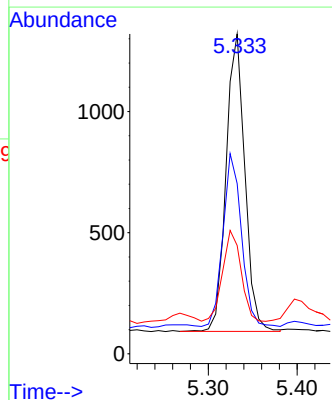
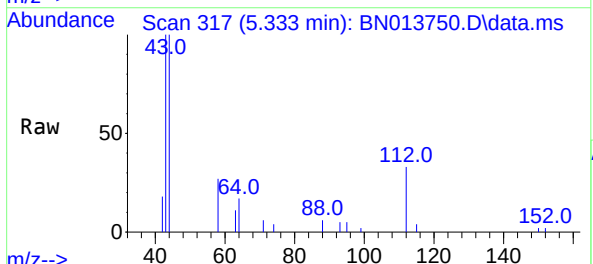
Instrument :
BNA_N
ClientSampleId :
GW803-20-25-022321

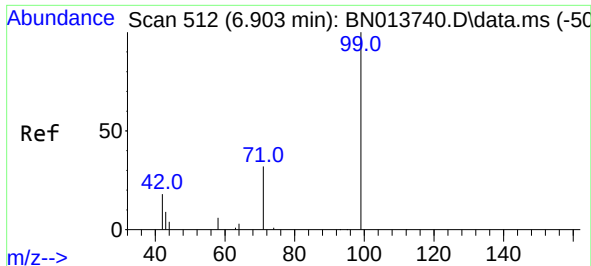
Tgt Ion:152 Resp: 5570
Ion Ratio Lower Upper
152 100
150 156.4 121.8 182.8
115 62.3 46.6 69.8



#4
2-Fluorophenol
Concen: 0.12 ng
RT: 5.333 min Scan# 317
Delta R.T. -0.000 min
Lab File: BN013750.D
Acq: 25 Feb 2021 05:56

Tgt Ion:112 Resp: 1799
Ion Ratio Lower Upper
112 100
64 57.4 44.3 66.5
63 31.2 23.0 34.6

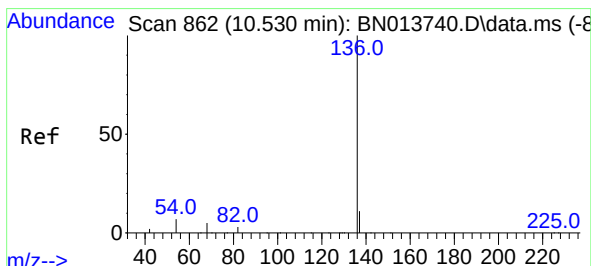
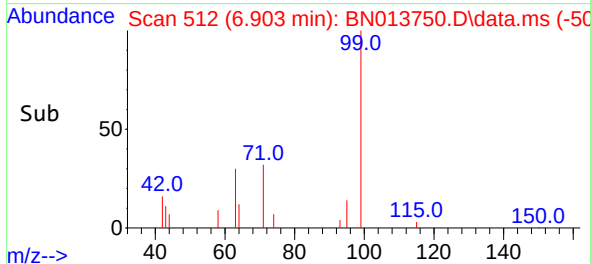
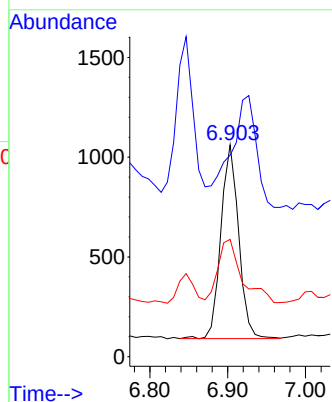
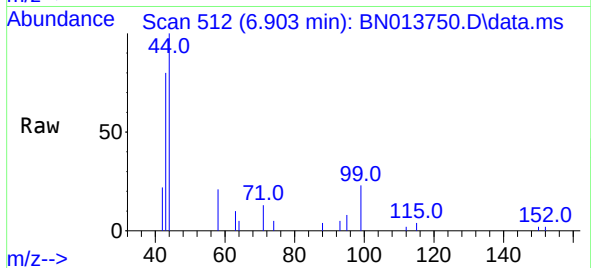




#5
Phenol-d6
Concen: 0.08 ng
RT: 6.903 min Scan# 512
Delta R.T. -0.000 min
Lab File: BN013750.D
Acq: 25 Feb 2021 05:56

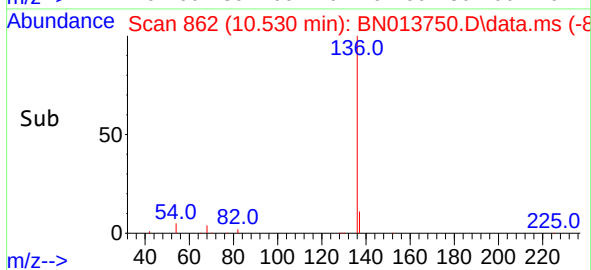
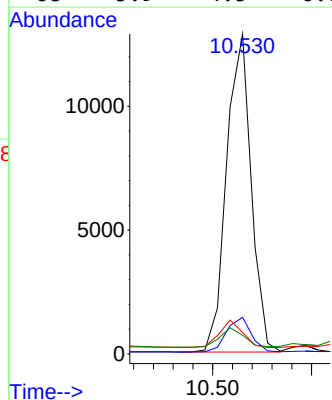
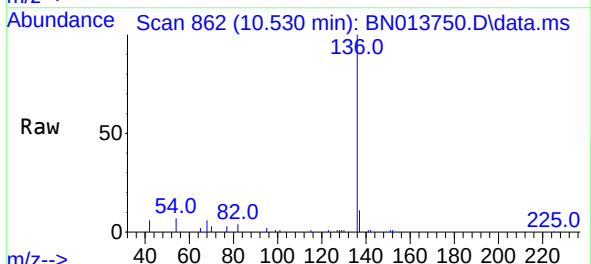
Instrument :
BNA_N
ClientSampleId :
GW803-20-25-022321

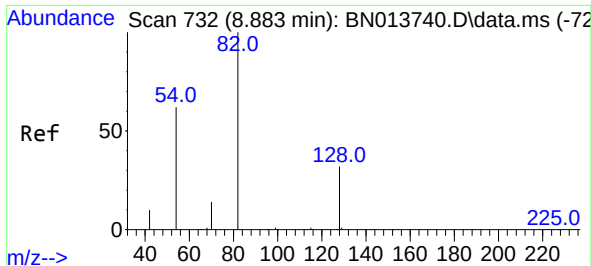
Tgt Ion:	99	Resp:	1536
Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.2	22.8#
71	43.5	26.1	39.1#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.530 min Scan# 862
Delta R.T. -0.000 min
Lab File: BN013750.D
Acq: 25 Feb 2021 05:56

Tgt Ion:	136	Resp:	22246
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	6.7	6.4	9.6
68	5.9	4.5	6.7

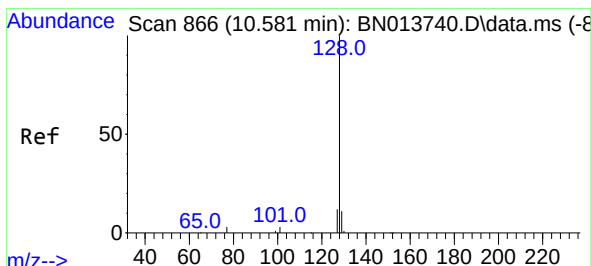
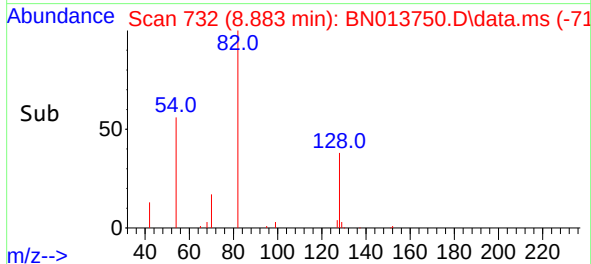
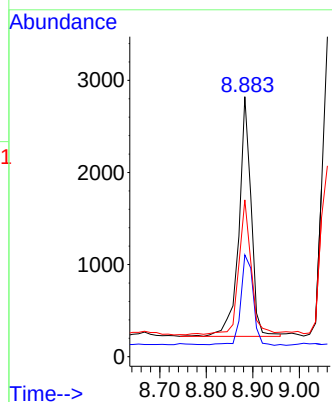
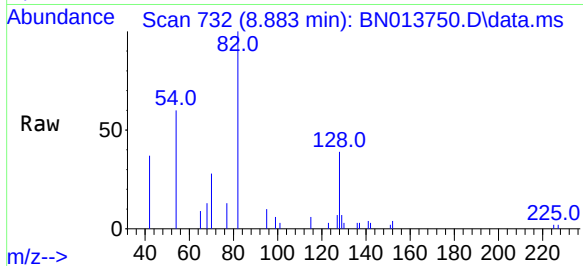




#8
Nitrobenzene-d5
Concen: 0.33 ng
RT: 8.883 min Scan# 732
Delta R.T. -0.000 min
Lab File: BN013750.D
Acq: 25 Feb 2021 05:56

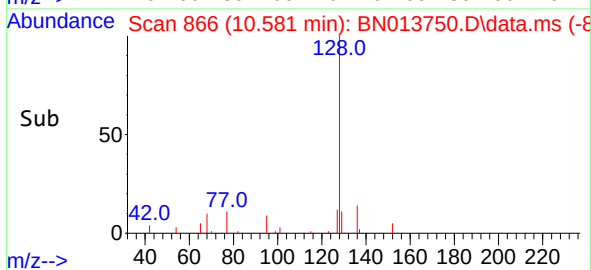
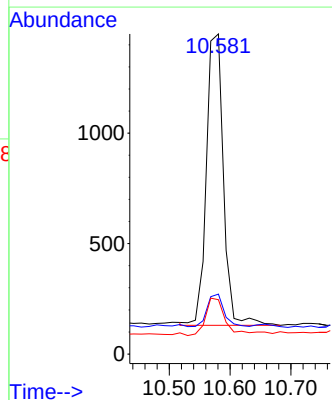
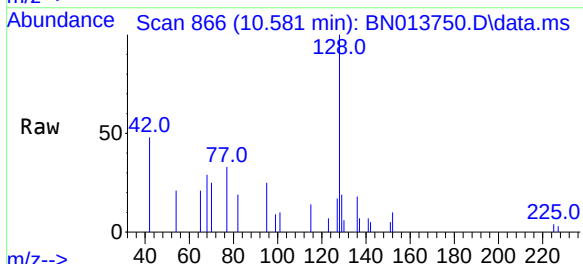
Instrument :
BNA_N
ClientSampleId :
GW803-20-25-022321

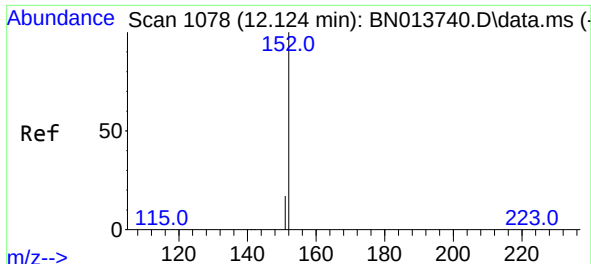
Tgt Ion: 82 Resp: 4770
Ion Ratio Lower Upper
82 100
128 39.2 39.2 58.8#
54 60.3 40.1 60.1#



#9
Naphthalene
Concen: 0.05 ng
RT: 10.581 min Scan# 866
Delta R.T. -0.000 min
Lab File: BN013750.D
Acq: 25 Feb 2021 05:56

Tgt Ion: 128 Resp: 2579
Ion Ratio Lower Upper
128 100
129 18.7 9.0 13.4#
127 17.0 10.4 15.6#

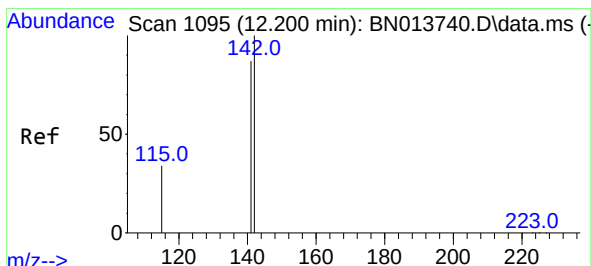
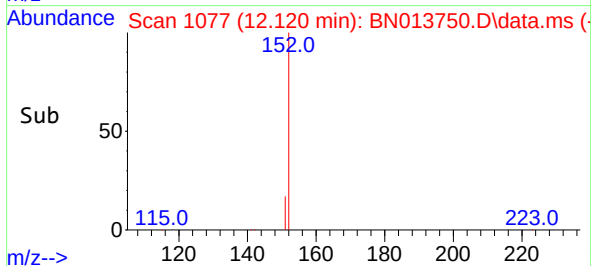
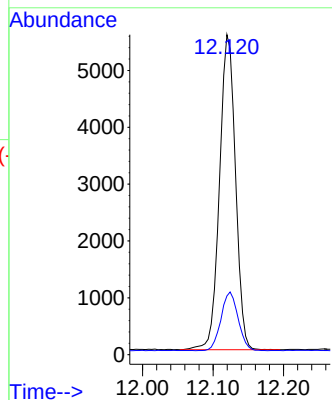
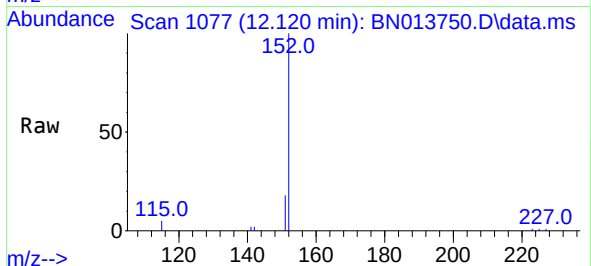




#11
2-Methylnaphthalene-d10
Concen: 0.24 ng
RT: 12.120 min Scan# 1077
Delta R.T. -0.005 min
Lab File: BN013750.D
Acq: 25 Feb 2021 05:56

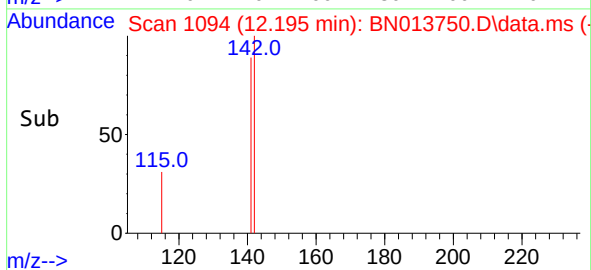
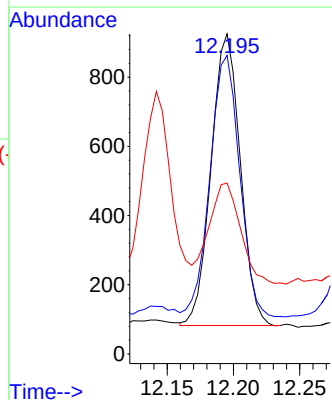
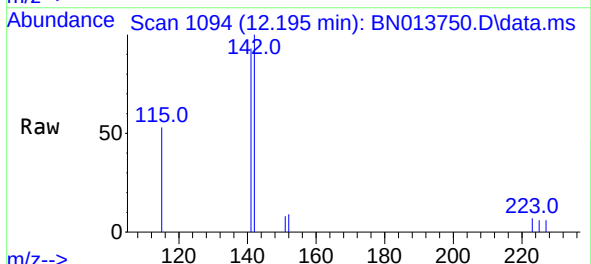
Instrument :
BNA_N
ClientSampleId :
GW803-20-25-022321

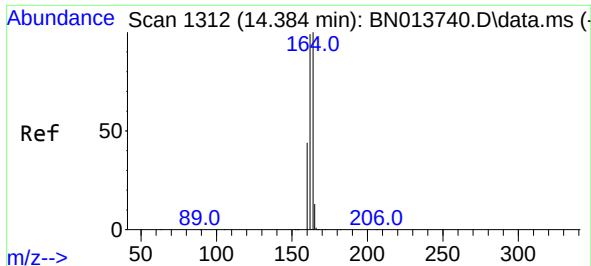
Tgt Ion:152 Resp: 8739
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2



#12
2-Methylnaphthalene
Concen: 0.03 ng
RT: 12.195 min Scan# 1094
Delta R.T. -0.005 min
Lab File: BN013750.D
Acq: 25 Feb 2021 05:56

Tgt Ion:142 Resp: 1288
Ion Ratio Lower Upper
142 100
141 93.3 70.5 105.7
115 53.4 27.4 41.0#

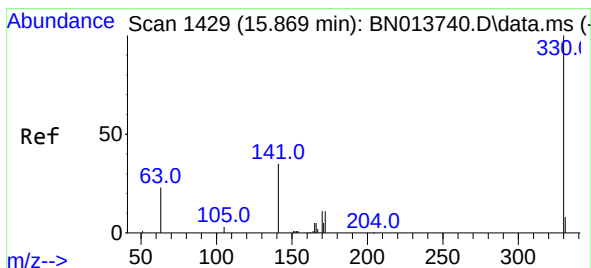
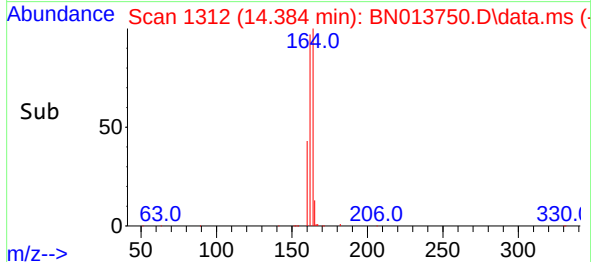
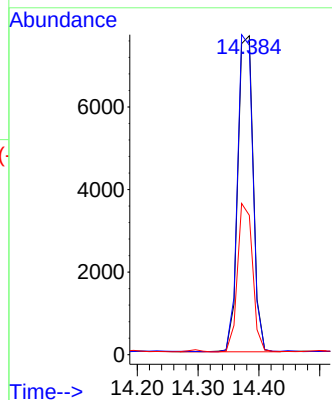
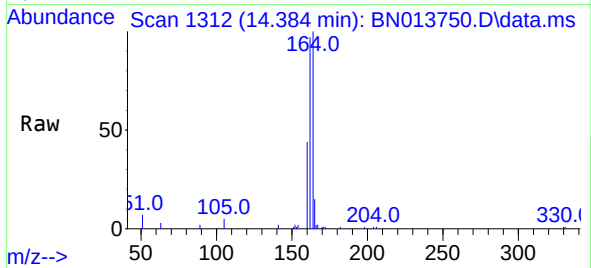




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.384 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BN013750.D
Acq: 25 Feb 2021 05:56

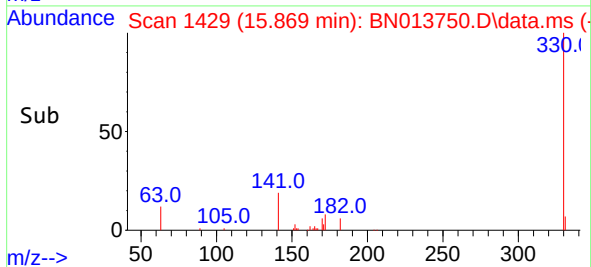
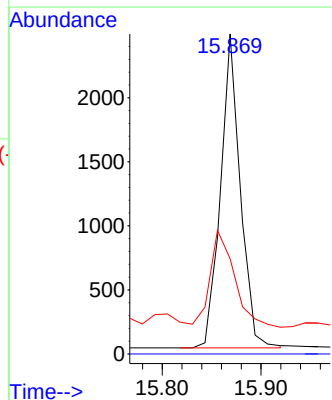
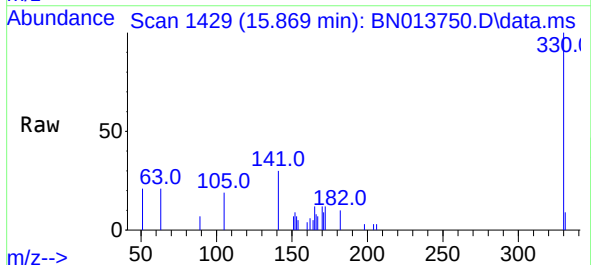
Instrument :
BNA_N
ClientSampleId :
GW803-20-25-022321

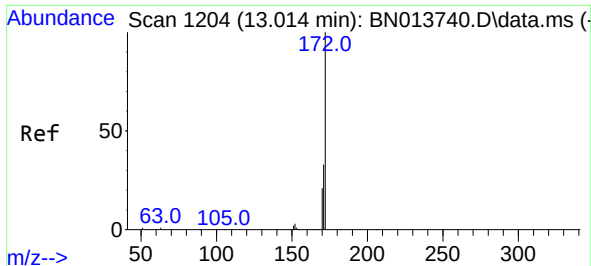
Tgt Ion:164 Resp: 13458
Ion Ratio Lower Upper
164 100
162 97.0 79.6 119.4
160 43.7 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.62 ng
RT: 15.869 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BN013750.D
Acq: 25 Feb 2021 05:56

Tgt Ion:330 Resp: 3410
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.8 26.8 40.2

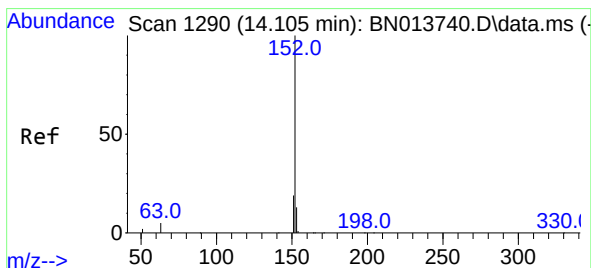
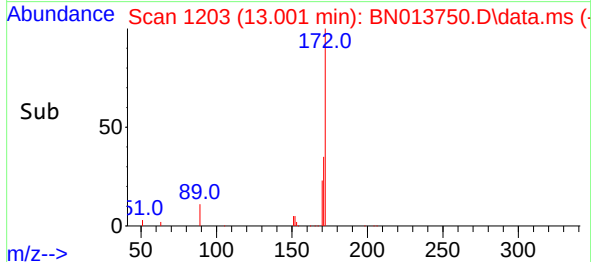
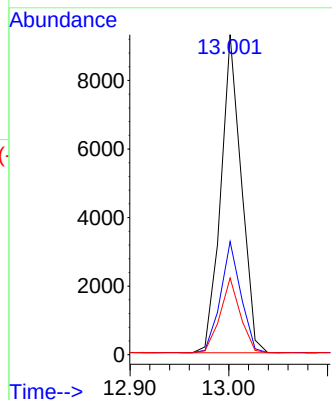
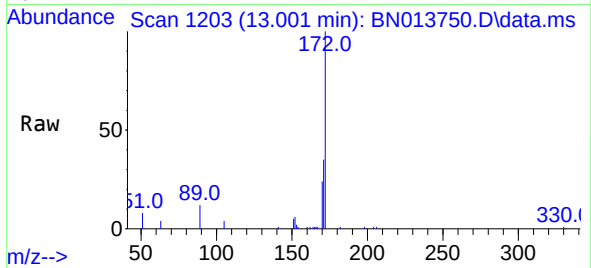




#15
2-Fluorobiphenyl
Concen: 0.28 ng
RT: 13.001 min Scan# 1203
Delta R.T. -0.013 min
Lab File: BN013750.D
Acq: 25 Feb 2021 05:56

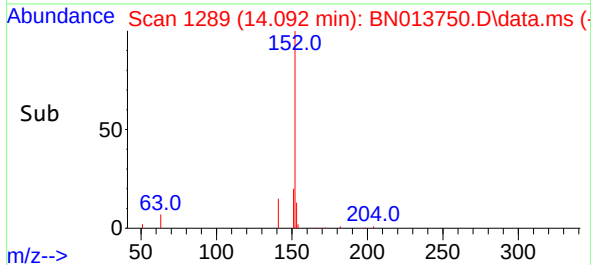
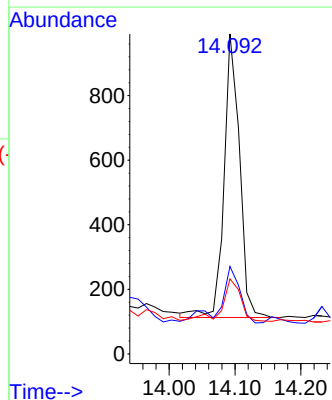
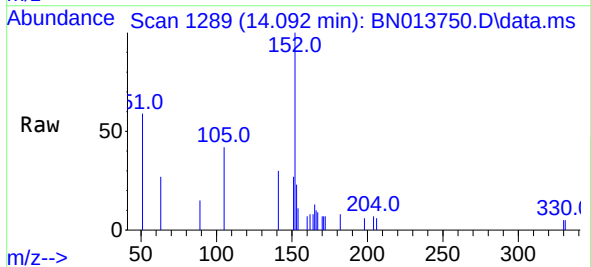
Instrument :
BNA_N
ClientSampleId :
GW803-20-25-022321

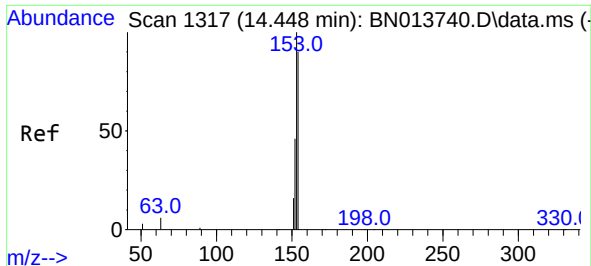
Tgt Ion:172	Resp:	13370
Ion Ratio	Lower	Upper
172	100	
171	35.4	28.6 42.8
170	24.0	18.9 28.3



#16
Acenaphthylene
Concen: 0.02 ng
RT: 14.092 min Scan# 1289
Delta R.T. -0.013 min
Lab File: BN013750.D
Acq: 25 Feb 2021 05:56

Tgt Ion:152	Resp:	1430
Ion Ratio	Lower	Upper
152	100	
151	24.5	15.7 23.5#
153	17.7	10.5 15.7#

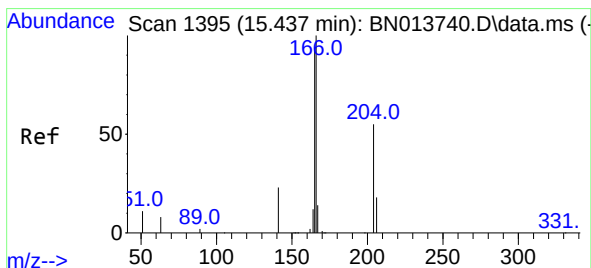
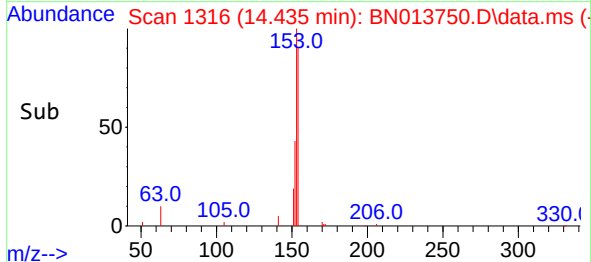
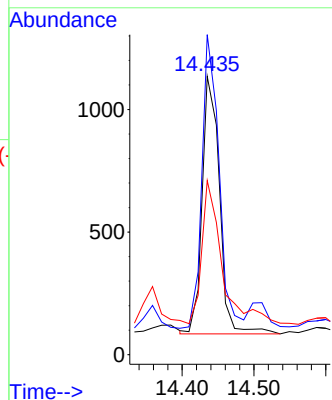
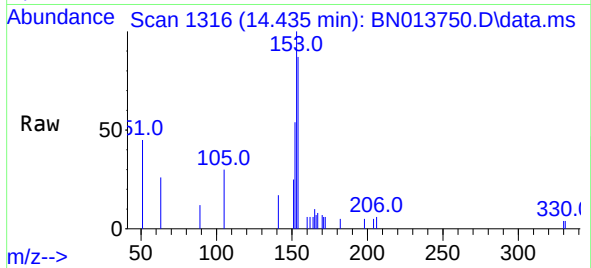




#17
Acenaphthene
Concen: 0.05 ng
RT: 14.435 min Scan# 1316
Delta R.T. -0.013 min
Lab File: BN013750.D
Acq: 25 Feb 2021 05:56

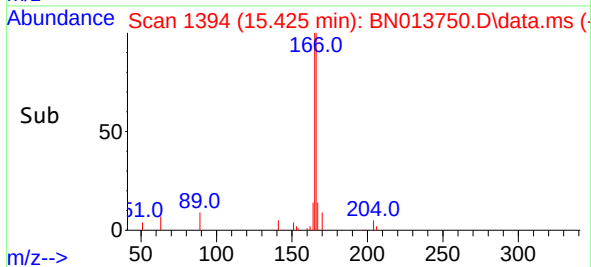
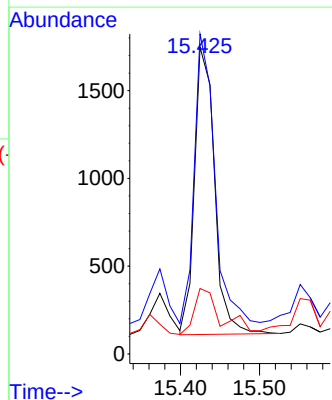
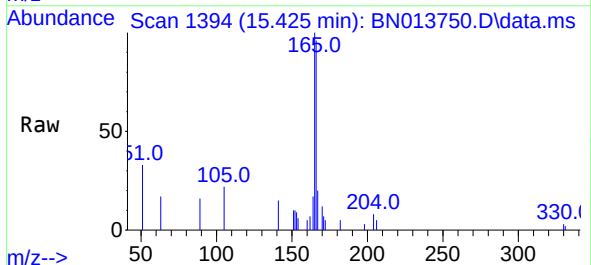
Instrument :
BNA_N
ClientSampleId :
GW803-20-25-022321

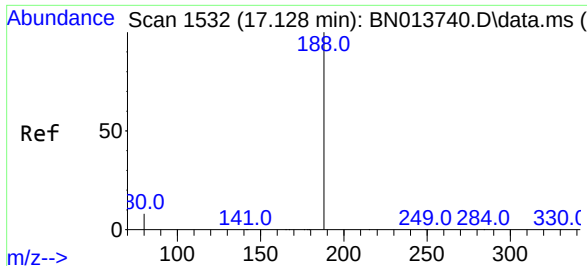
Tgt Ion:154 Resp: 1756
Ion Ratio Lower Upper
154 100
153 111.4 88.4 132.6
152 65.2 43.0 64.4#



#18
Fluorene
Concen: 0.06 ng
RT: 15.425 min Scan# 1394
Delta R.T. -0.013 min
Lab File: BN013750.D
Acq: 25 Feb 2021 05:56

Tgt Ion:166 Resp: 2891
Ion Ratio Lower Upper
166 100
165 101.9 77.8 116.8
167 21.7 10.6 16.0#

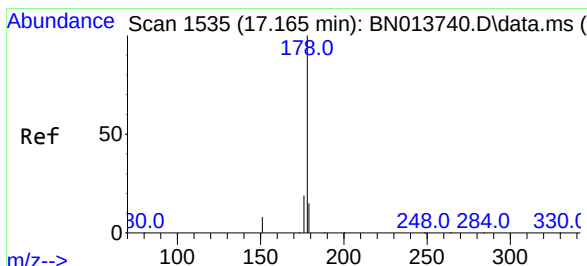
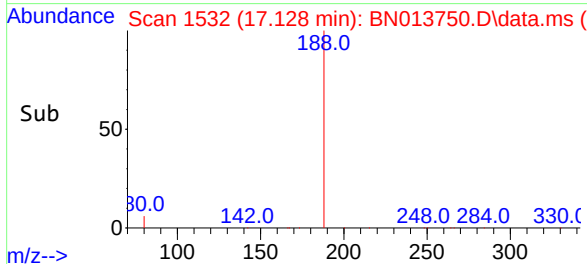
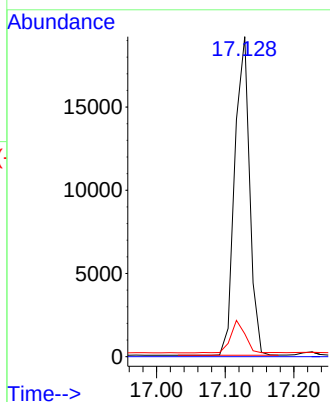
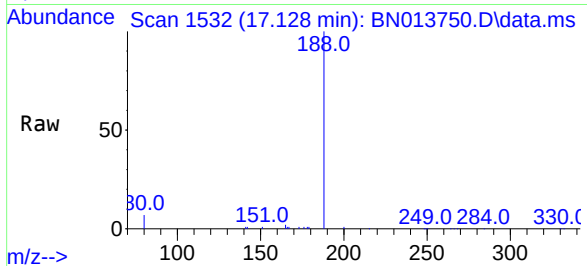




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.128 min Scan# 1532
Delta R.T. -0.000 min
Lab File: BN013750.D
Acq: 25 Feb 2021 05:56

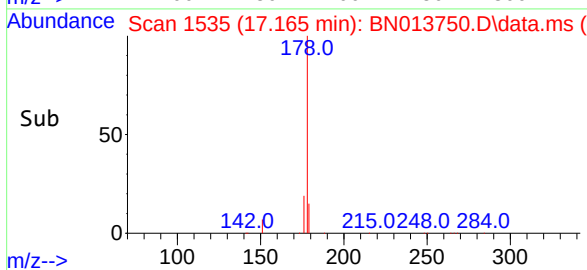
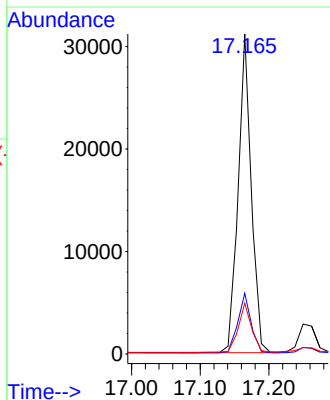
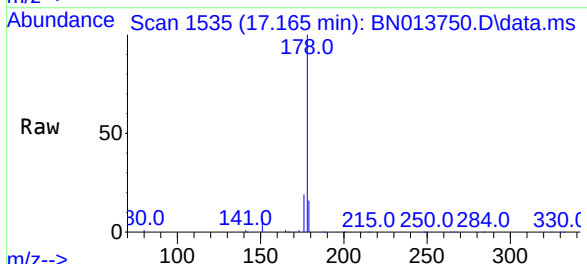
Instrument :
BNA_N
ClientSampleId :
GW803-20-25-022321

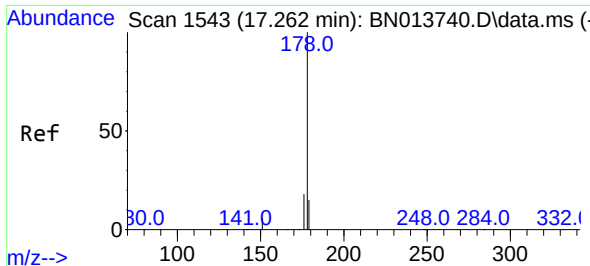
Tgt Ion:188 Resp: 28870
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.1 9.0 13.6#



#25
Phenanthrene
Concen: 0.55 ng
RT: 17.165 min Scan# 1535
Delta R.T. -0.000 min
Lab File: BN013750.D
Acq: 25 Feb 2021 05:56

Tgt Ion:178 Resp: 41406
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.8 12.3 18.5

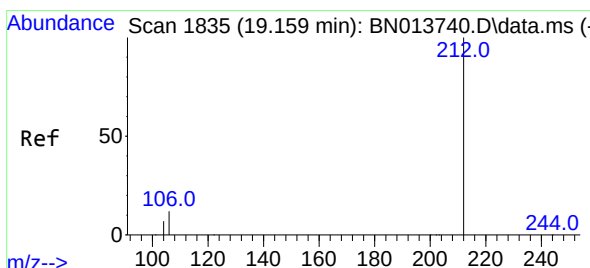
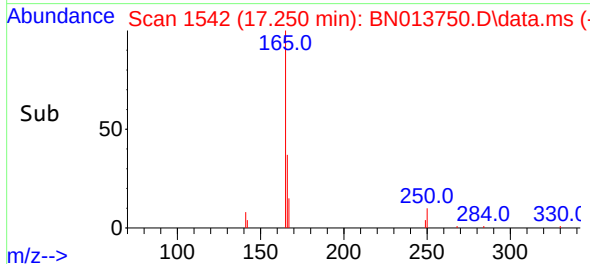
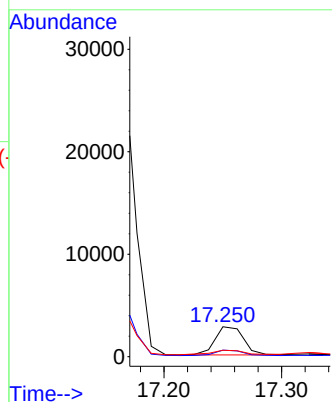
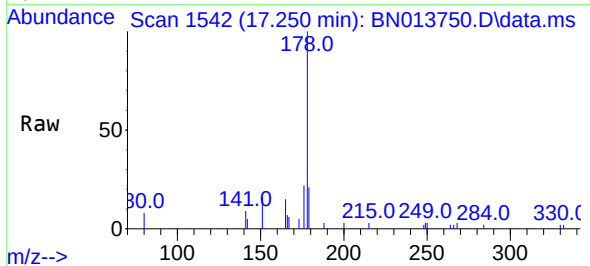




#26
 Anthracene
 Concen: 0.06 ng
 RT: 17.250 min Scan# 1542
 Delta R.T. -0.012 min
 Lab File: BN013750.D
 Acq: 25 Feb 2021 05:56

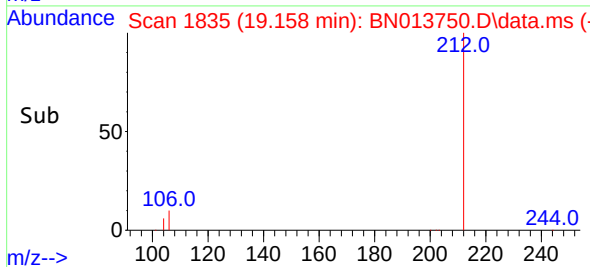
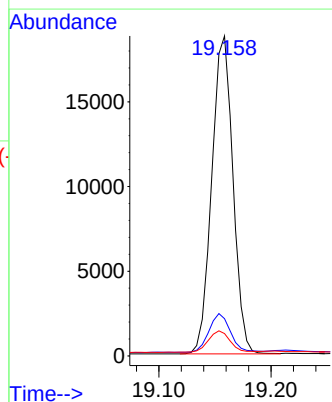
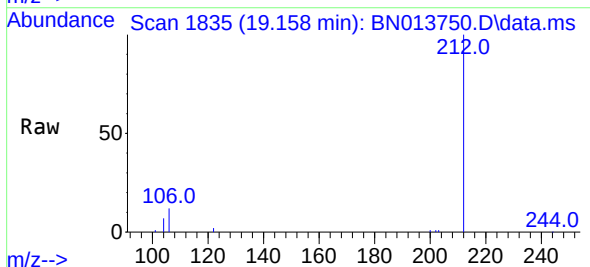
Instrument :
 BNA_N
 ClientSampleId :
 GW803-20-25-022321

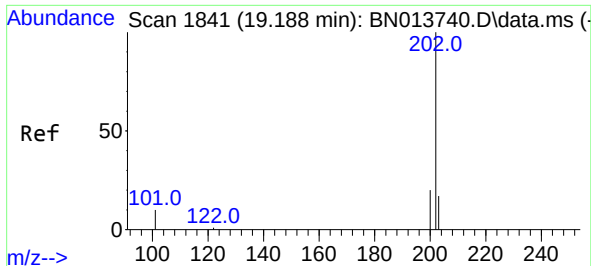
Tgt Ion:178 Resp: 4597
 Ion Ratio Lower Upper
 178 100
 176 19.5 14.6 21.8
 179 18.6 12.2 18.2#



#27
 Fluoranthene-d10
 Concen: 0.29 ng
 RT: 19.158 min Scan# 1835
 Delta R.T. -0.000 min
 Lab File: BN013750.D
 Acq: 25 Feb 2021 05:56

Tgt Ion:212 Resp: 24601
 Ion Ratio Lower Upper
 212 100
 106 12.4 9.7 14.5
 104 7.0 5.5 8.3

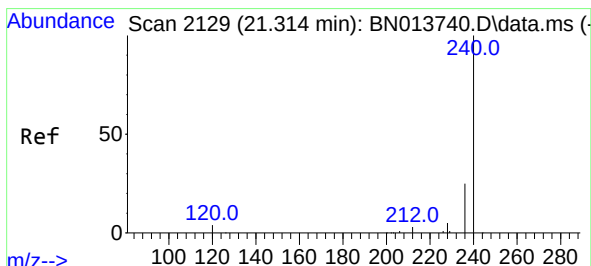
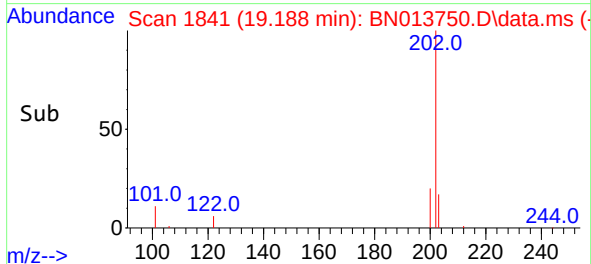
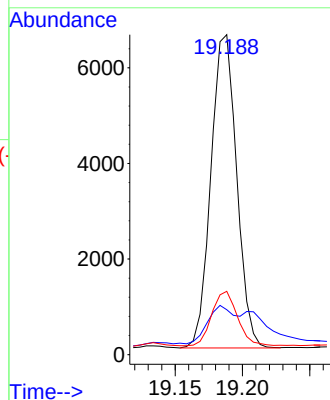
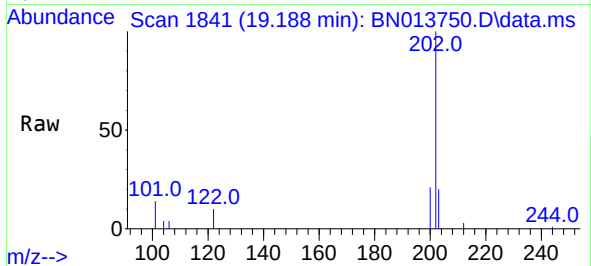




#28
Fluoranthene
Concen: 0.10 ng
RT: 19.188 min Scan# 1841
Delta R.T. -0.000 min
Lab File: BN013750.D
Acq: 25 Feb 2021 05:56

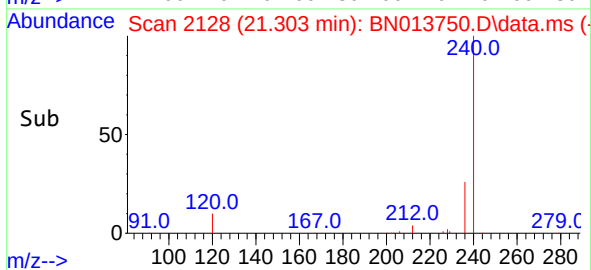
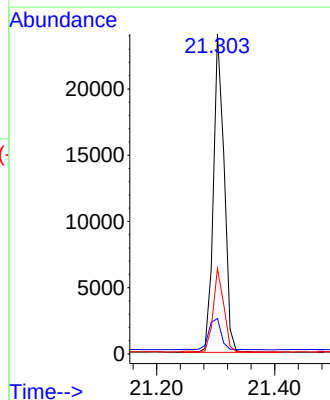
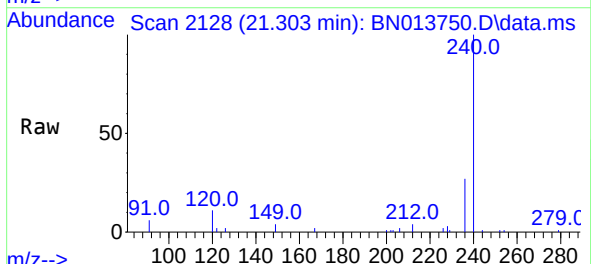
Instrument :
BNA_N
ClientSampleId :
GW803-20-25-022321

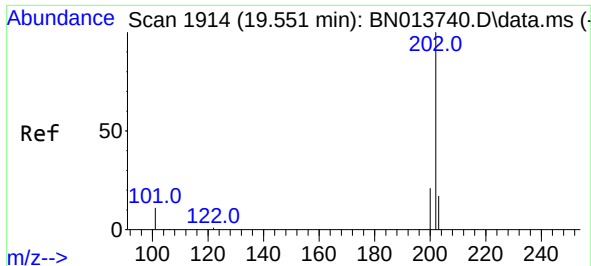
Tgt Ion:202 Resp: 8736
Ion Ratio Lower Upper
202 100
101 13.6 8.1 12.1#
203 17.4 13.9 20.9



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.303 min Scan# 2128
Delta R.T. -0.011 min
Lab File: BN013750.D
Acq: 25 Feb 2021 05:56

Tgt Ion:240 Resp: 30389
Ion Ratio Lower Upper
240 100
120 11.1 10.2 15.4
236 26.7 21.3 31.9

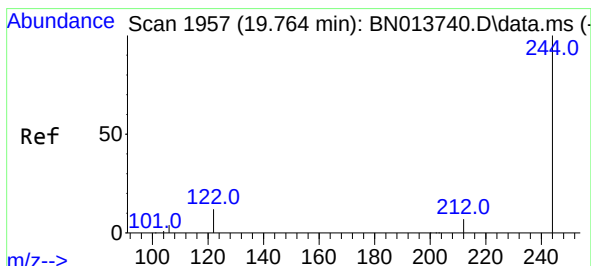
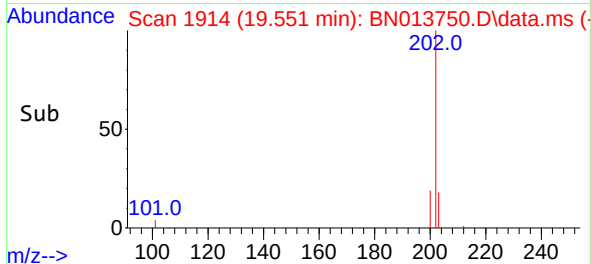
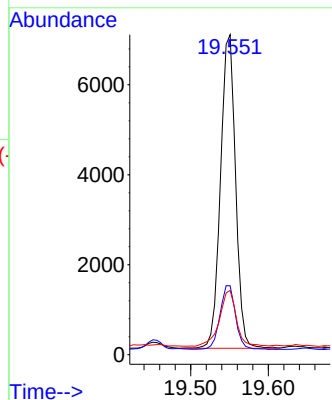
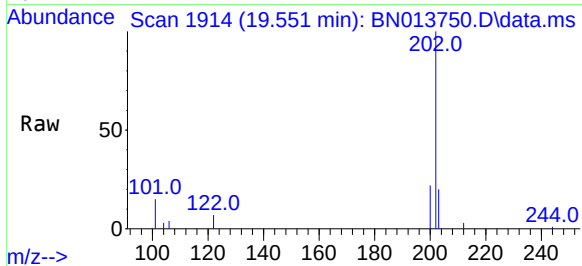




#30
Pyrene
Concen: 0.10 ng
RT: 19.551 min Scan# 1914
Delta R.T. -0.000 min
Lab File: BN013750.D
Acq: 25 Feb 2021 05:56

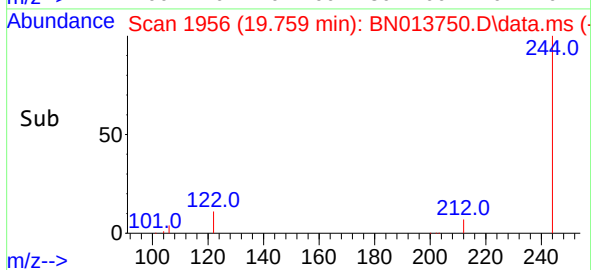
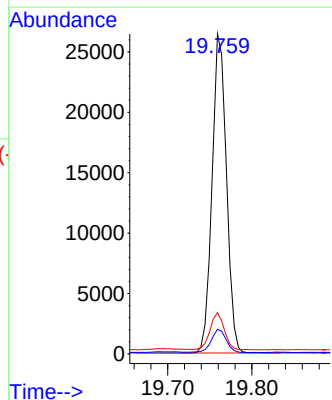
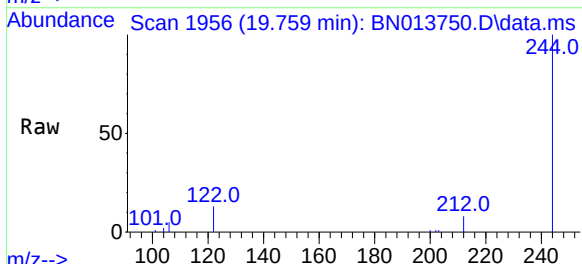
Instrument :
BNA_N
ClientSampleId :
GW803-20-25-022321

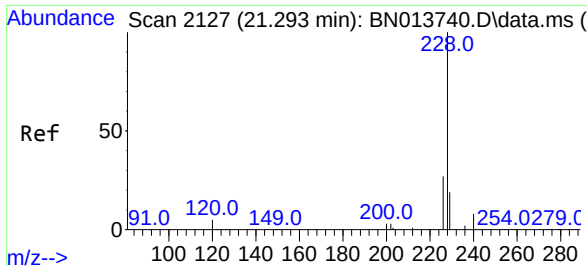
Tgt Ion:	202	Resp:	9351
Ion Ratio	Lower	Upper	
202	100		
200	21.1	16.3	24.5
203	19.9	14.0	21.0



#31
Terphenyl-d14
Concen: 0.47 ng
RT: 19.759 min Scan# 1956
Delta R.T. -0.005 min
Lab File: BN013750.D
Acq: 25 Feb 2021 05:56

Tgt Ion:	244	Resp:	31409
Ion Ratio	Lower	Upper	
244	100		
212	7.7	6.1	9.1
122	12.9	9.8	14.8

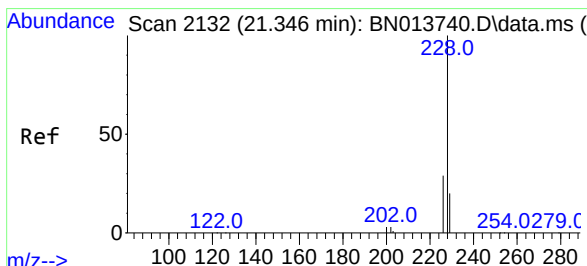
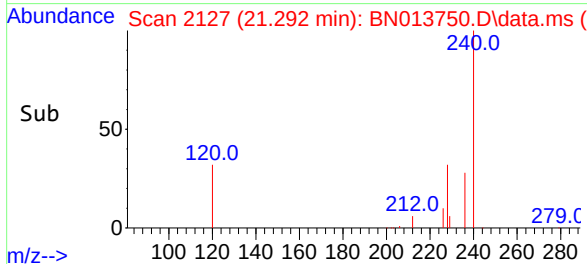
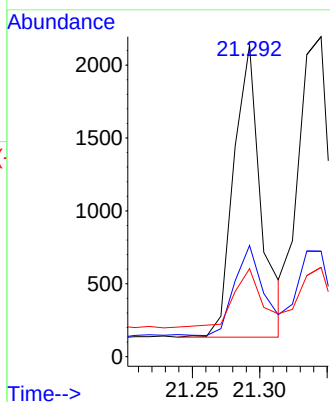
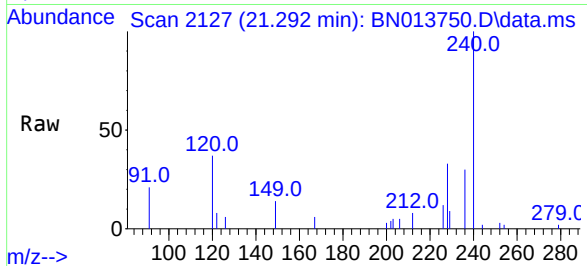




#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.292 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BN013750.D
Acq: 25 Feb 2021 05:56

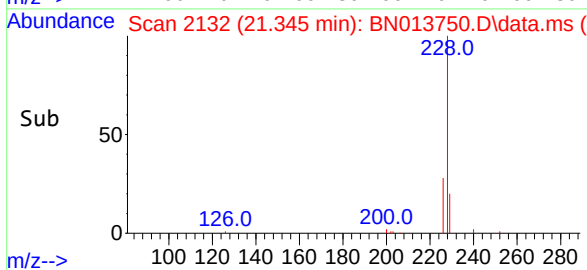
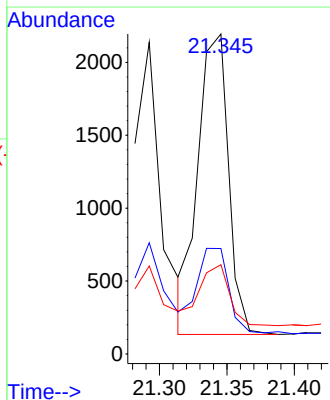
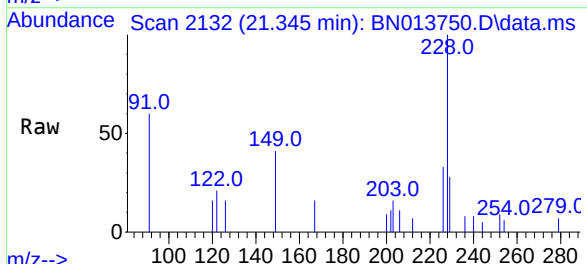
Instrument :
BNA_N
ClientSampleId :
GW803-20-25-022321

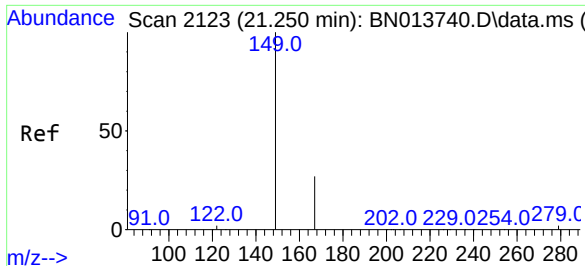
Tgt Ion:228 Resp: 2833
Ion Ratio Lower Upper
228 100
226 35.7 20.5 30.7#
229 28.3 16.2 24.4#



#33
Chrysene
Concen: 0.04 ng
RT: 21.345 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BN013750.D
Acq: 25 Feb 2021 05:56

Tgt Ion:228 Resp: 3238
Ion Ratio Lower Upper
228 100
226 32.9 24.3 36.5
229 27.9 15.1 22.7#

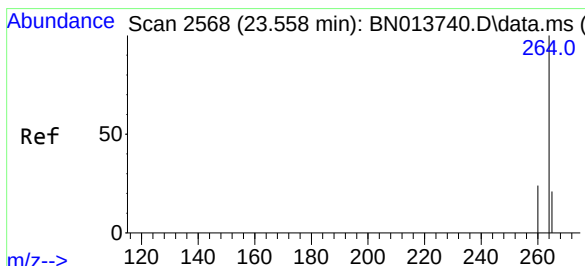
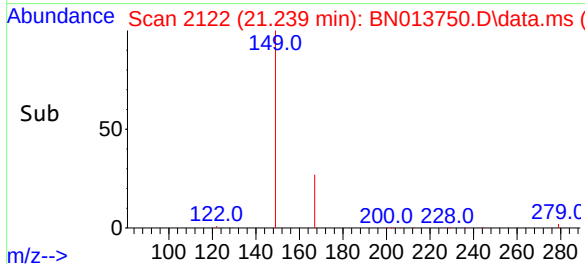
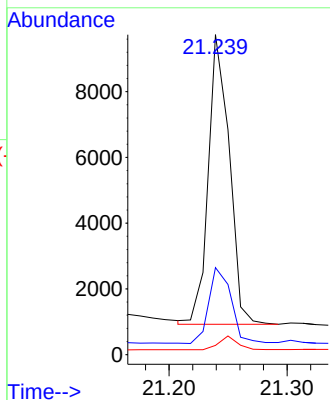
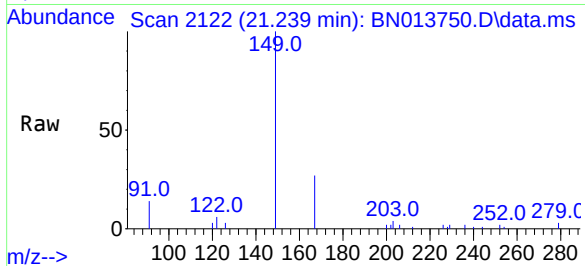




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.25 ng
RT: 21.239 min Scan# 2122
Delta R.T. -0.011 min
Lab File: BN013750.D
Acq: 25 Feb 2021 05:56

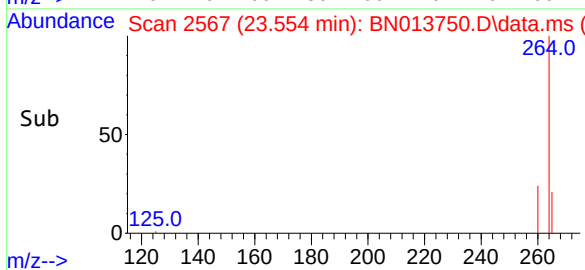
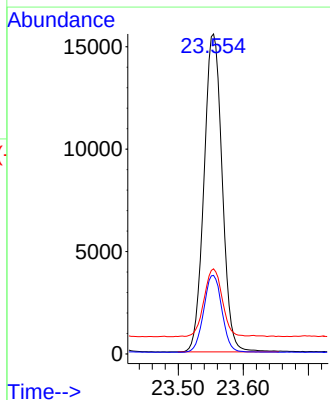
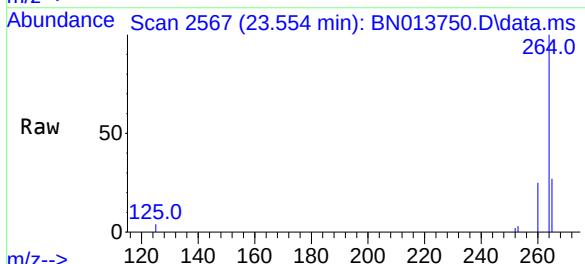
Instrument :
BNA_N
ClientSampleId :
GW803-20-25-022321

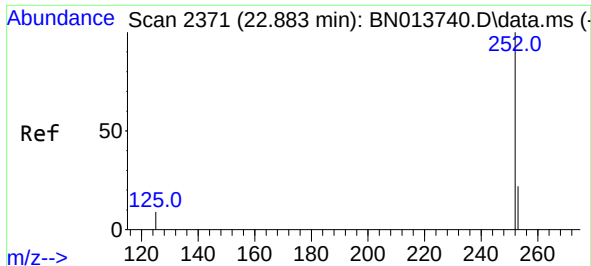
Tgt Ion:149 Resp: 10887
Ion Ratio Lower Upper
149 100
167 27.5 22.1 33.1
279 4.5 3.5 5.3



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.554 min Scan# 2567
Delta R.T. -0.004 min
Lab File: BN013750.D
Acq: 25 Feb 2021 05:56

Tgt Ion:264 Resp: 30108
Ion Ratio Lower Upper
264 100
260 24.6 19.3 28.9
265 26.6 66.2 99.4#





#37

Benzo(b)fluoranthene

Concen: 0.03 ng

RT: 22.880 min Scan# 2370

Delta R.T. -0.004 min

Lab File: BN013750.D

Acq: 25 Feb 2021 05:56

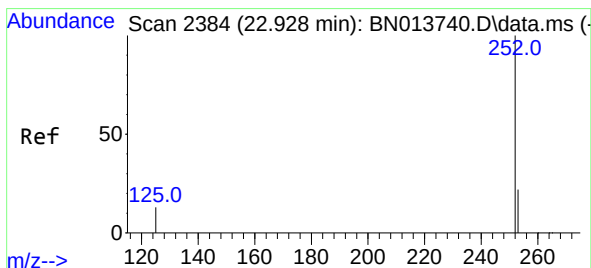
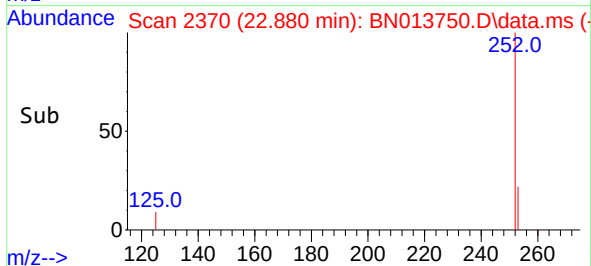
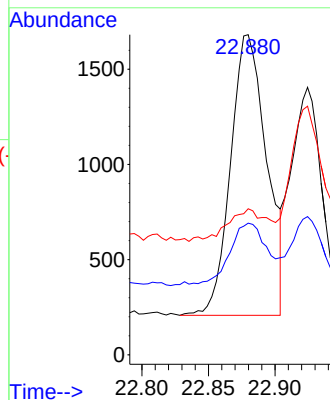
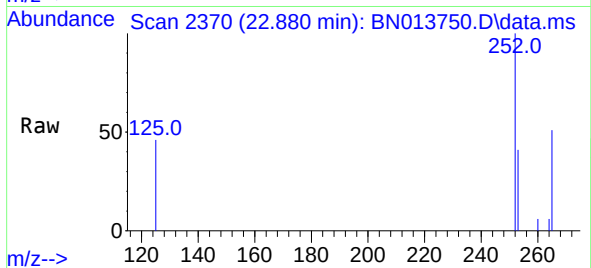
Tgt Ion:252 Resp: 2788

Ion Ratio Lower Upper

252 100

253 41.1 20.4 30.6#

125 45.6 11.6 17.4#



#38

Benzo(k)fluoranthene

Concen: 0.02 ng

RT: 22.924 min Scan# 2383

Delta R.T. -0.004 min

Lab File: BN013750.D

Acq: 25 Feb 2021 05:56

Tgt Ion:252 Resp: 1943

Ion Ratio Lower Upper

252 100

253 51.7 20.5 30.7#

125 93.0 12.3 18.5#

