

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022521\
 Data File : BN013764.D
 Acq On : 25 Feb 2021 12:35
 Operator : CG/JU
 Sample : M1473-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Feb 25 13:06:04 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 25 11:31:11 2021
 Response via : Initial Calibration

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

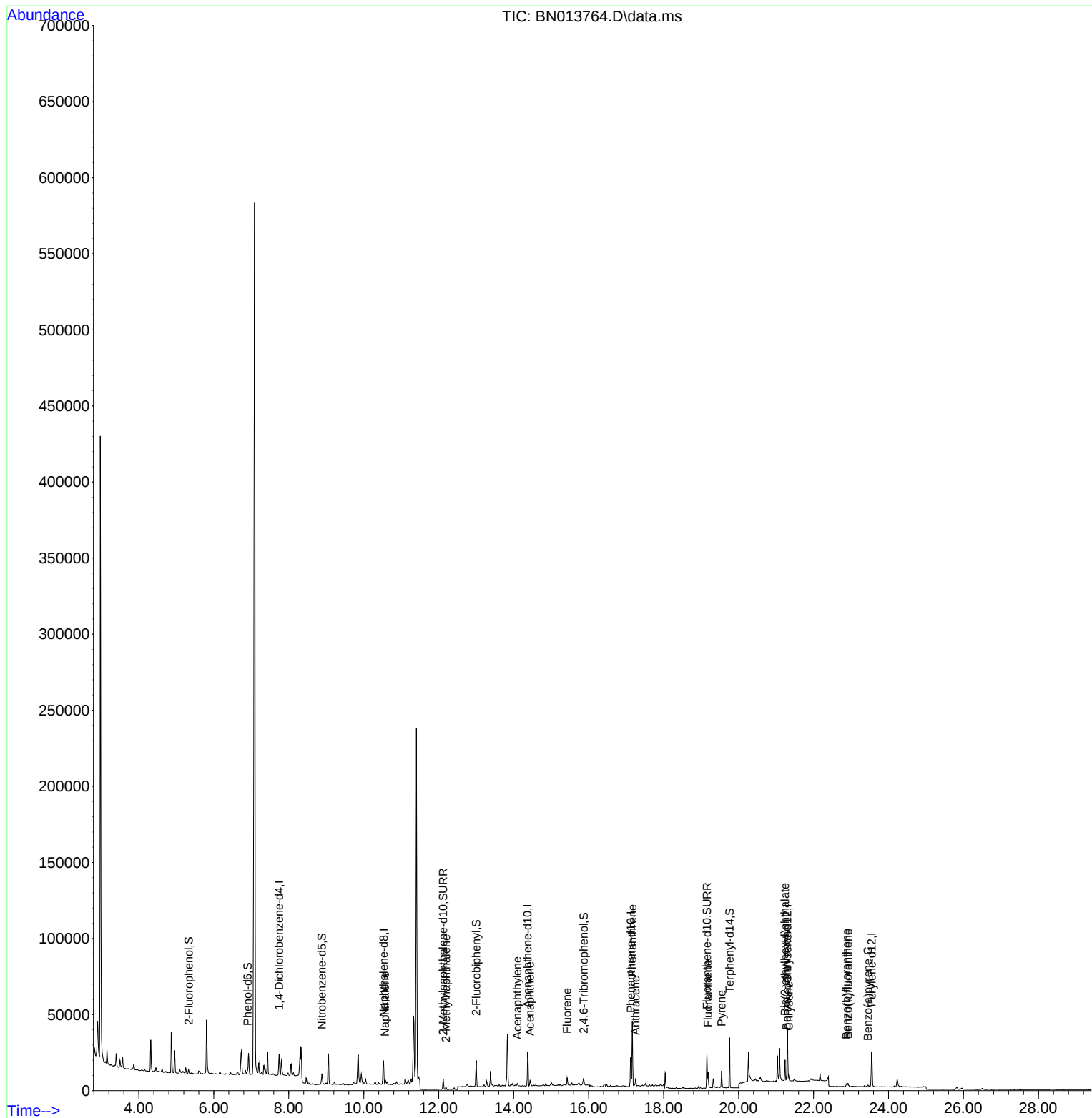
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.741	152	5687	0.40	ng	0.00
7) Naphthalene-d8	10.530	136	22793	0.40	ng	0.00
13) Acenaphthene-d10	14.372	164	13394	0.40	ng	0.00
19) Phenanthrene-d10	17.128	188	28750	0.40	ng	# 0.00
29) Chrysene-d12	21.303	240	29652	0.40	ng	# 0.00
36) Perylene-d12	23.551	264	29166	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.333	112	1912	0.13	ng	0.00
5) Phenol-d6	6.903	99	1581	0.08	ng	0.00
8) Nitrobenzene-d5	8.883	82	5103	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.120	152	8901	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	3384	0.62	ng	0.00
15) 2-Fluorobiphenyl	13.001	172	13500	0.29	ng	0.00
27) Fluoranthene-d10	19.154	212	24567	0.29	ng	0.00
31) Terphenyl-d14	19.759	244	30714	0.47	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.568	128	2667	0.05	ng	# 85
12) 2-Methylnaphthalene	12.191	142	1357	0.03	ng	# 85
16) Acenaphthylene	14.092	152	1450	0.02	ng	# 90
17) Acenaphthene	14.435	154	1682	0.05	ng	# 86
18) Fluorene	15.425	166	2952	0.06	ng	# 94
25) Phenanthrene	17.165	178	41577	0.55	ng	100
26) Anthracene	17.250	178	4625	0.06	ng	96
28) Fluoranthene	19.183	202	8681	0.10	ng	# 82
30) Pyrene	19.546	202	9379	0.10	ng	97
32) Benzo(a)anthracene	21.282	228	2867	0.03	ng	# 81
33) Chrysene	21.335	228	3093	0.03	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.239	149	11439	0.26	ng	99
37) Benzo(b)fluoranthene	22.877	252	2604	0.03	ng	# 50
38) Benzo(k)fluoranthene	22.921	252	1922	0.02	ng	# 1
39) Benzo(a)pyrene	23.452	252	1713	0.02	ng	# 30

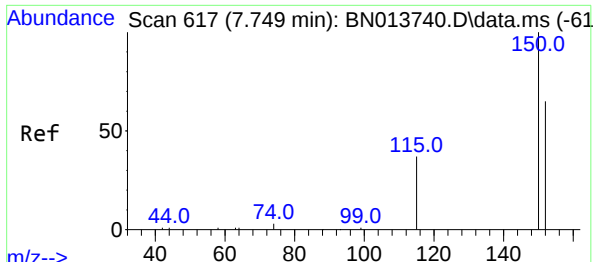
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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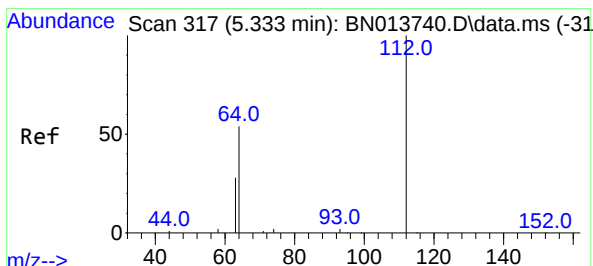
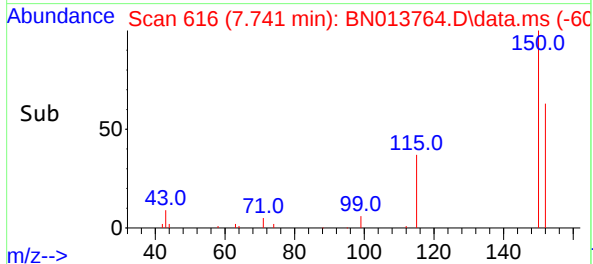
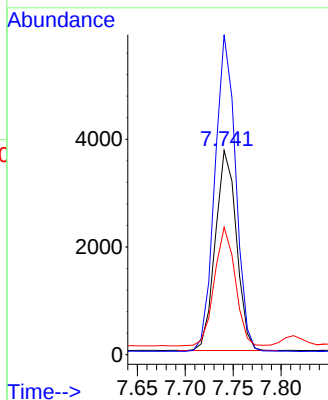
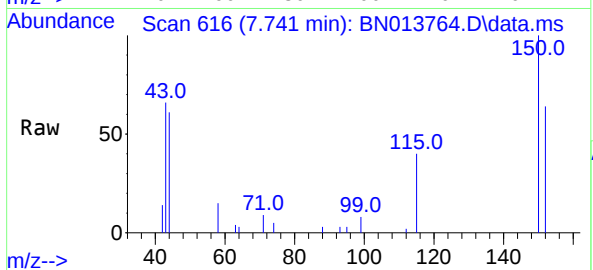




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.741 min Scan# 616
Delta R.T. -0.000 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35

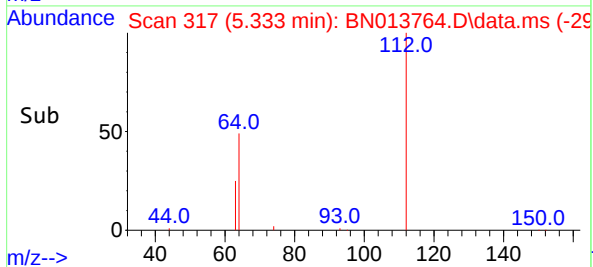
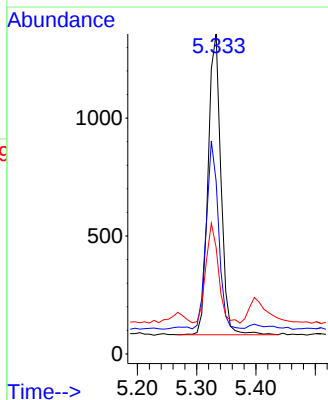
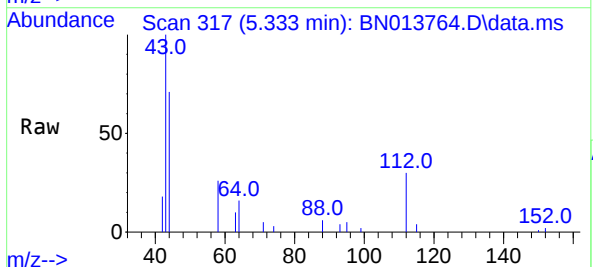
Instrument :
BNA_N
ClientSampleId :
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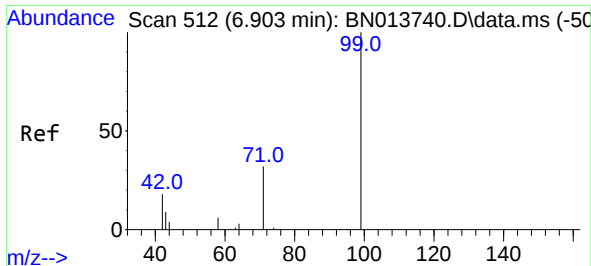
Tgt Ion:152 Resp: 5687
Ion Ratio Lower Upper
152 100
150 156.7 121.8 182.8
115 62.4 46.6 69.8



#4
2-Fluorophenol
Concen: 0.13 ng
RT: 5.333 min Scan# 317
Delta R.T. 0.008 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35

Tgt Ion:112 Resp: 1912
Ion Ratio Lower Upper
112 100
64 59.3 44.3 66.5
63 32.1 23.0 34.6

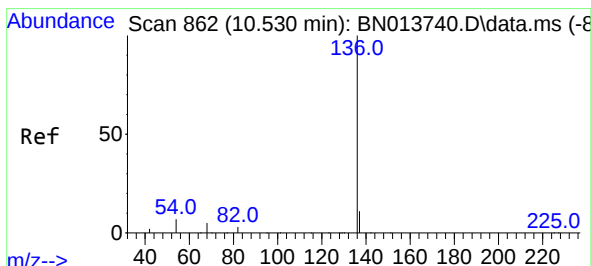
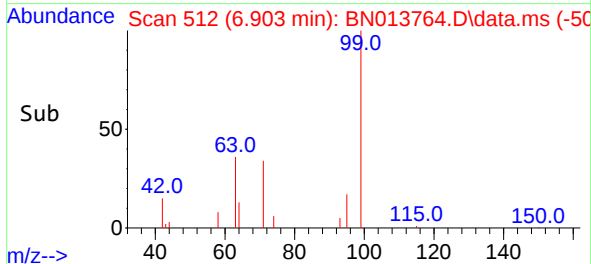
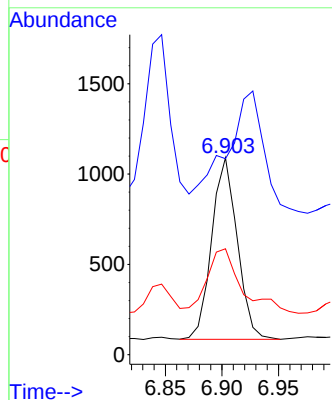
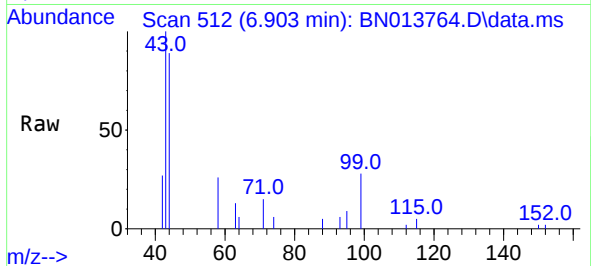




#5
Phenol-d6
Concen: 0.08 ng
RT: 6.903 min Scan# 512
Delta R.T. -0.000 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35

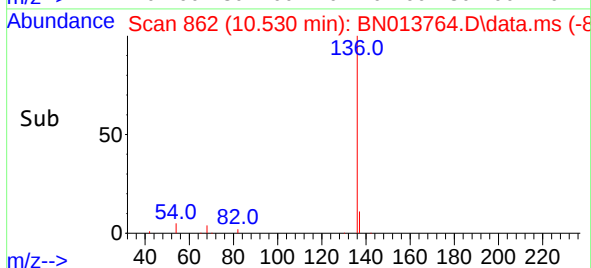
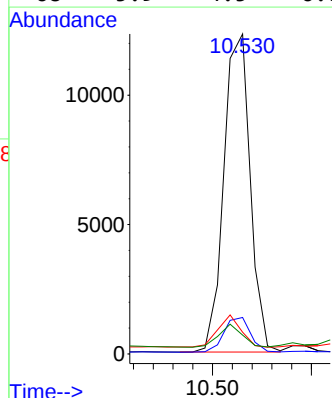
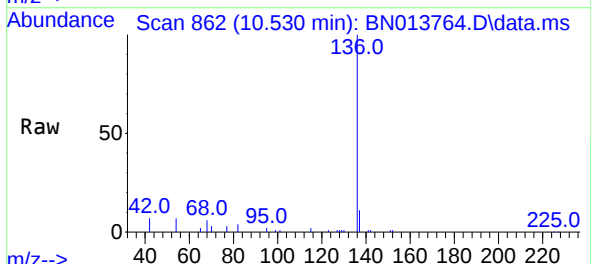
Instrument :
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ClientSampleId :
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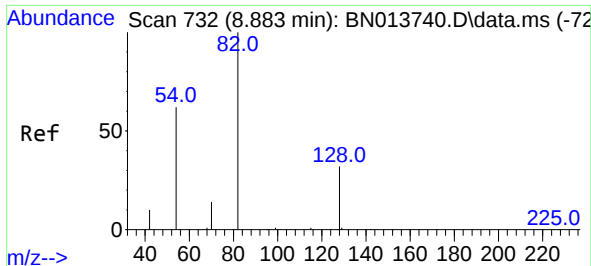
Tgt Ion: 99 Resp: 1581
Ion Ratio Lower Upper
99 100
42 0.0 15.2 22.8#
71 48.2 26.1 39.1#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.530 min Scan# 862
Delta R.T. -0.000 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35

Tgt Ion:136 Resp: 22793
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 6.8 6.4 9.6
68 5.9 4.5 6.7

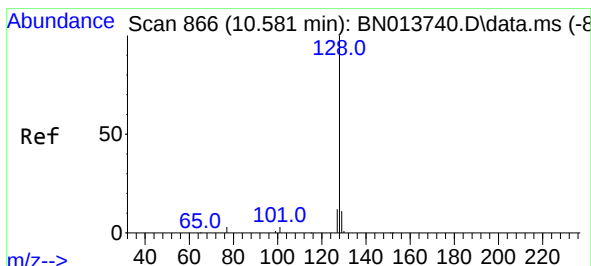
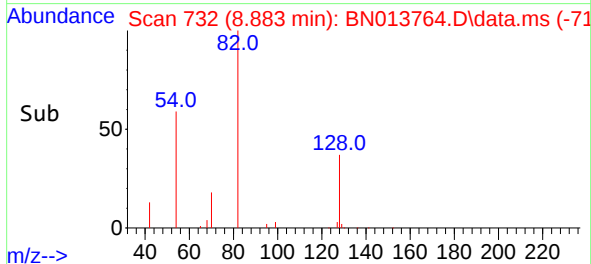
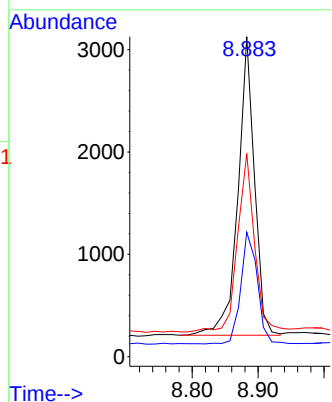
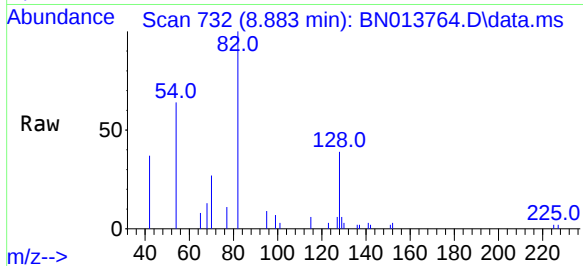




#8
Nitrobenzene-d5
Concen: 0.35 ng
RT: 8.883 min Scan# 732
Delta R.T. -0.000 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35

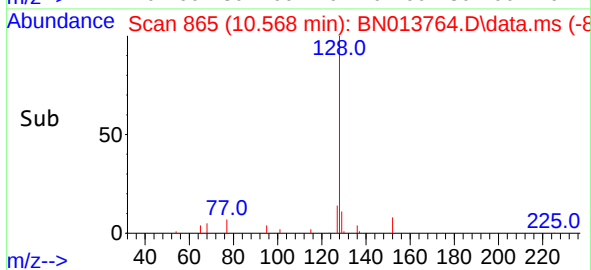
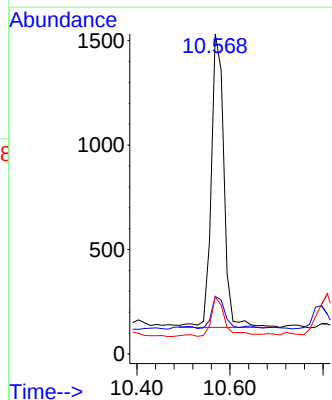
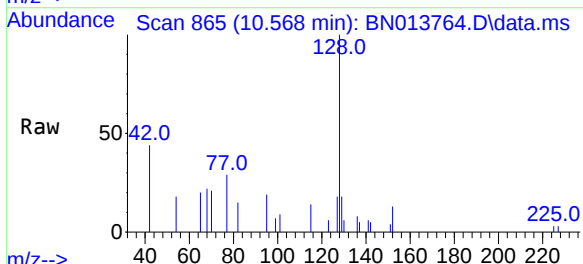
Instrument :
BNA_N
ClientSampleId :
GW803-20-25-022321

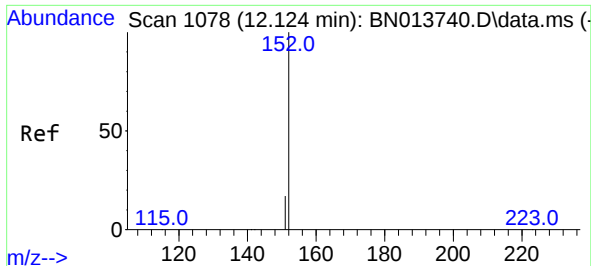
Tgt Ion: 82 Resp: 5103
Ion Ratio Lower Upper
82 100
128 38.9 39.2 58.8#
54 63.5 40.1 60.1#



#9
Naphthalene
Concen: 0.05 ng
RT: 10.568 min Scan# 865
Delta R.T. -0.000 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35

Tgt Ion: 128 Resp: 2667
Ion Ratio Lower Upper
128 100
129 18.0 9.0 13.4#
127 17.9 10.4 15.6#

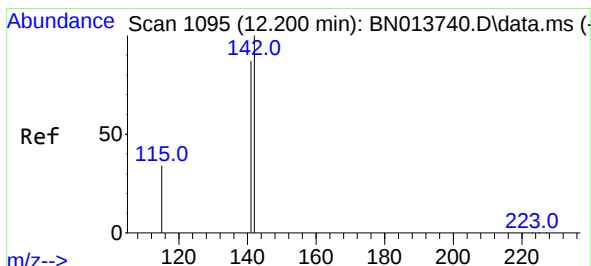
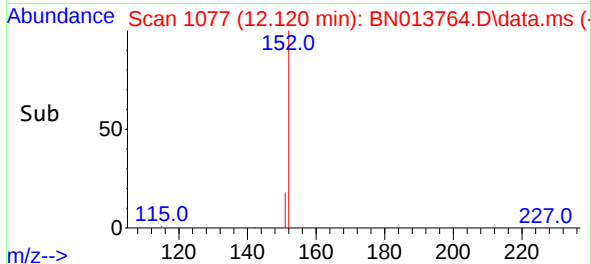
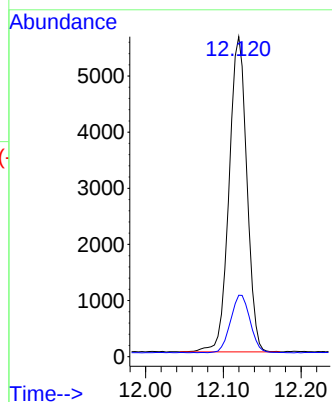
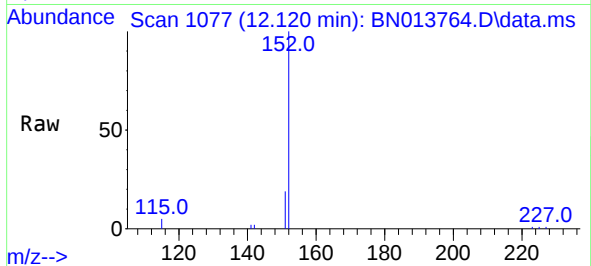




#11
2-Methylnaphthalene-d10
Concen: 0.24 ng
RT: 12.120 min Scan# 1077
Delta R.T. -0.000 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35

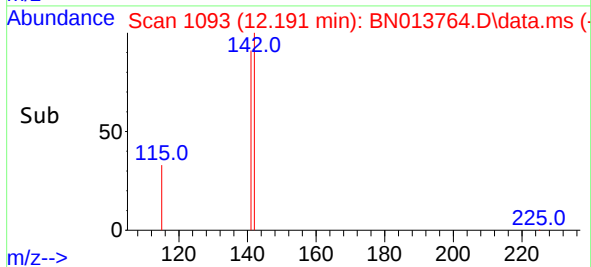
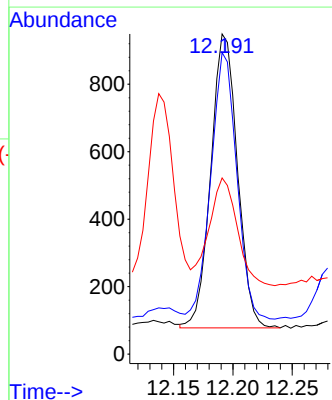
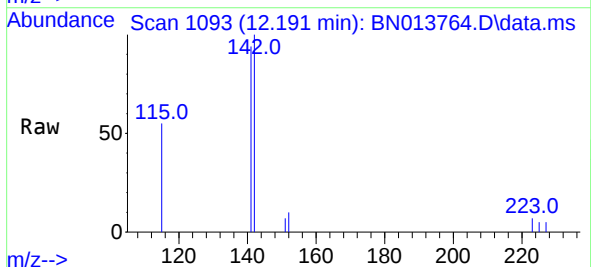
Instrument :
BNA_N
ClientSampleId :
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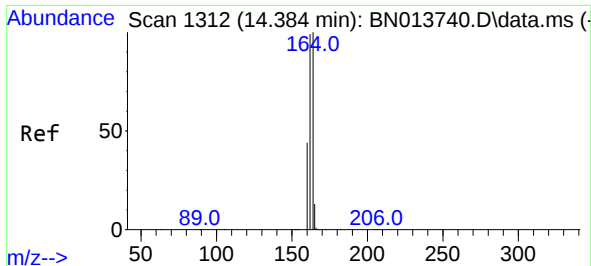
Tgt Ion:152 Resp: 8901
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2



#12
2-Methylnaphthalene
Concen: 0.03 ng
RT: 12.191 min Scan# 1093
Delta R.T. -0.004 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35

Tgt Ion:142 Resp: 1357
Ion Ratio Lower Upper
142 100
141 94.2 70.5 105.7
115 55.0 27.4 41.0#

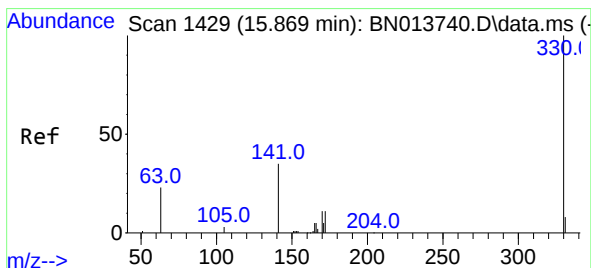
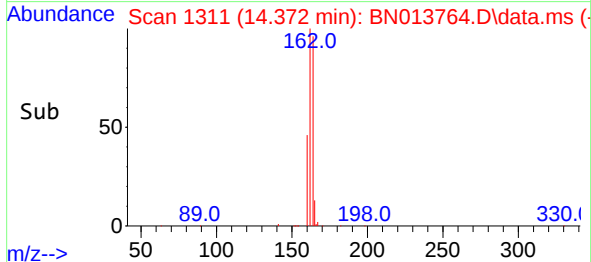
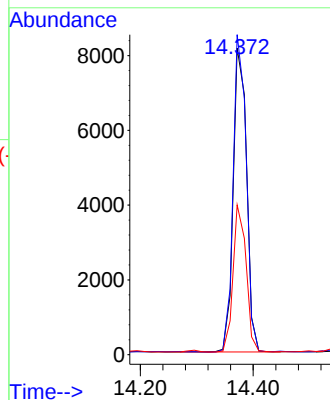
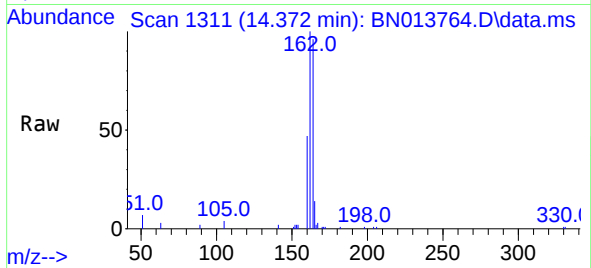




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.372 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35

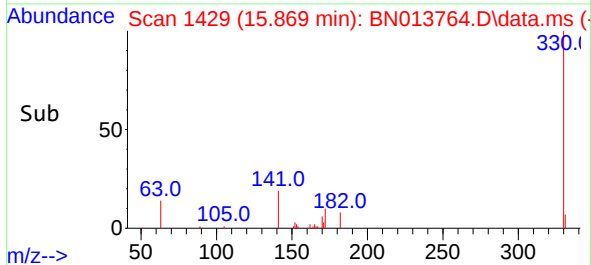
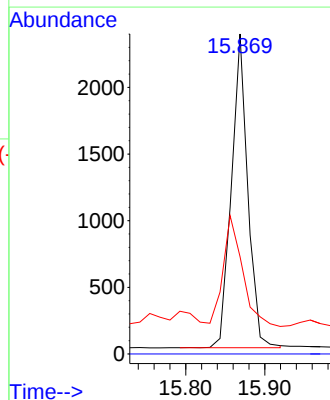
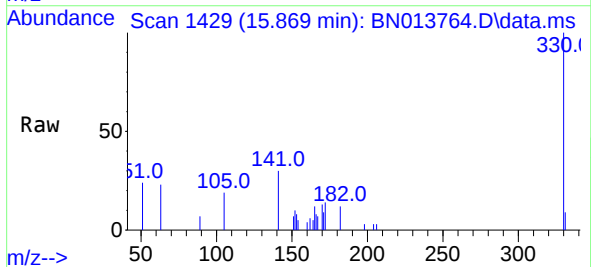
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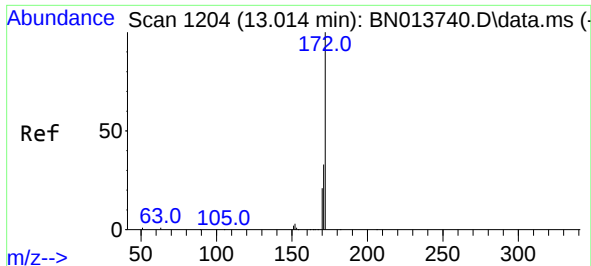
Tgt Ion:164 Resp: 13394
Ion Ratio Lower Upper
164 100
162 104.4 79.6 119.4
160 48.9 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.62 ng
RT: 15.869 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35

Tgt Ion:330 Resp: 3384
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 41.7 26.8 40.2#



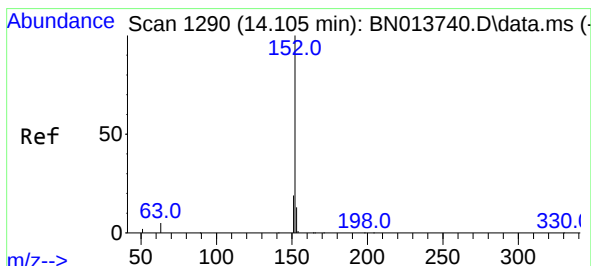
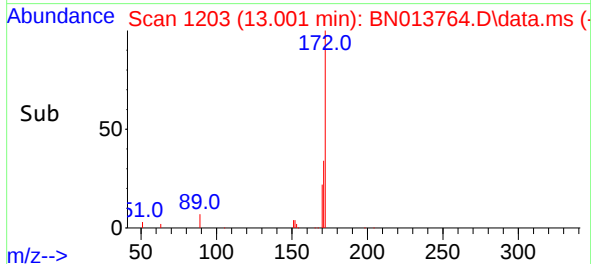
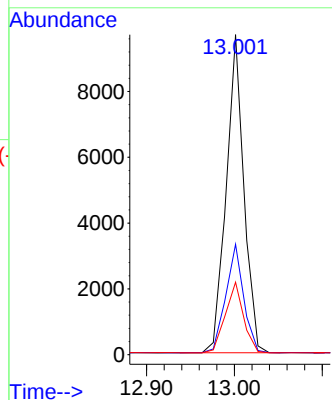
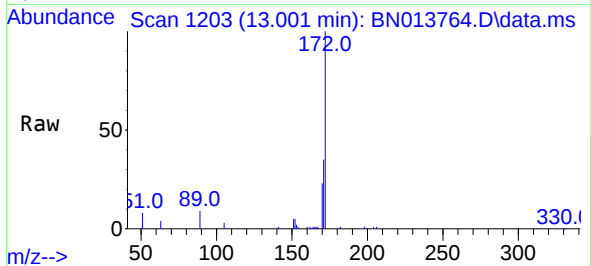


#15
2-Fluorobiphenyl
Concen: 0.29 ng
RT: 13.001 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35

Instrument :
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ClientSampleId :
GW803-20-25-022321

Tgt Ion:172 Resp: 13500

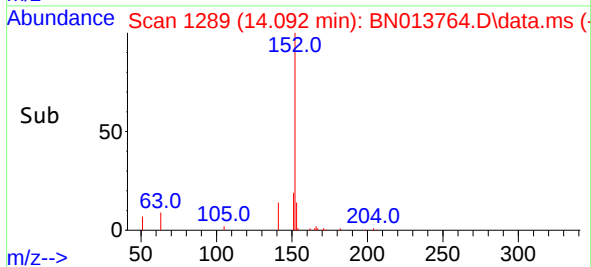
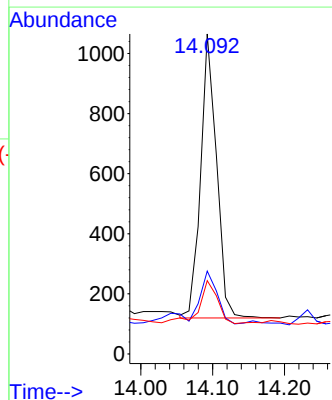
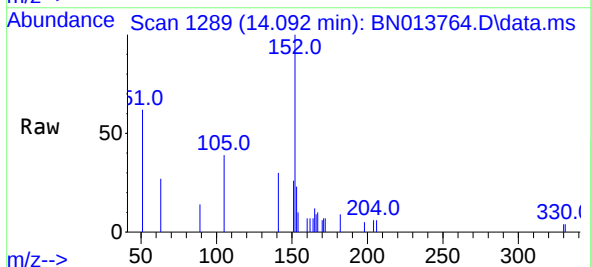
Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.6	42.8
170	22.7	18.9	28.3

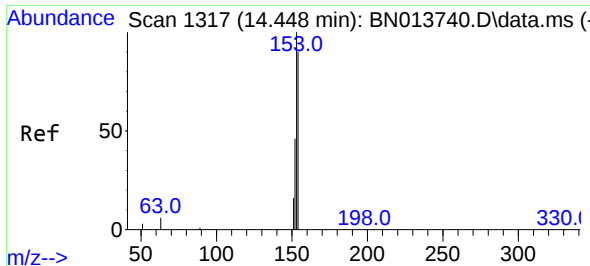


#16
Acenaphthylene
Concen: 0.02 ng
RT: 14.092 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35

Tgt Ion:152 Resp: 1450

Ion	Ratio	Lower	Upper
152	100		
151	24.3	15.7	23.5#
153	16.9	10.5	15.7#

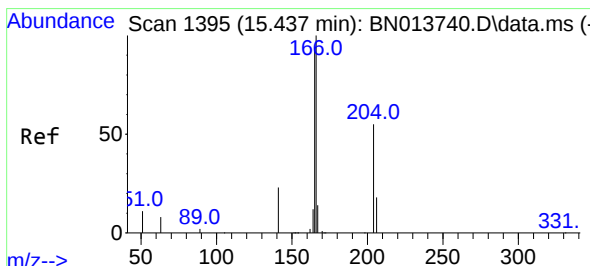
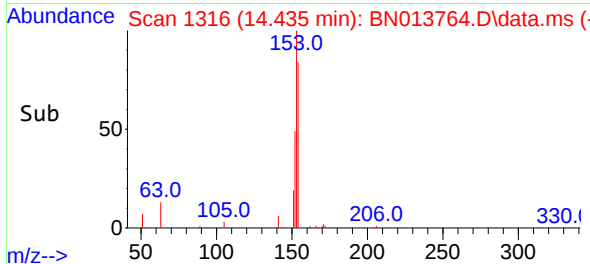
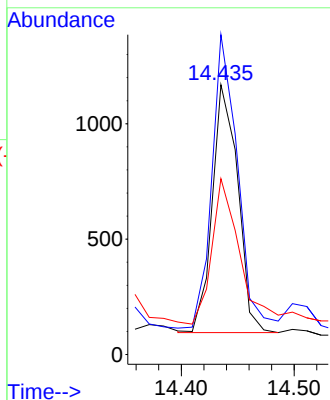
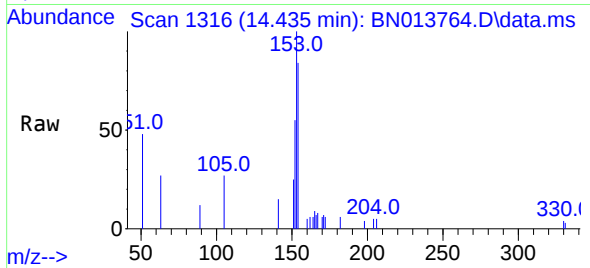




#17
Acenaphthene
Concen: 0.05 ng
RT: 14.435 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35

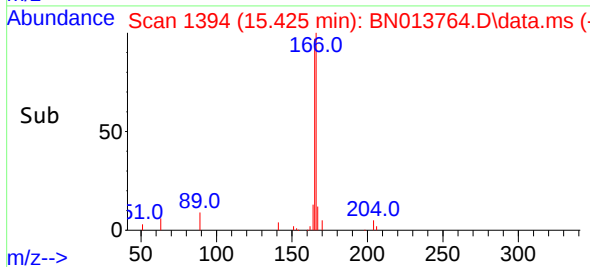
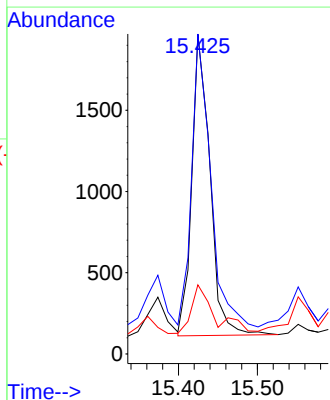
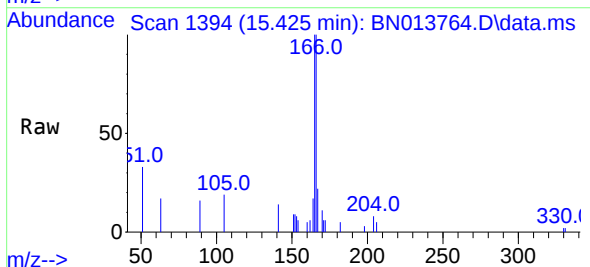
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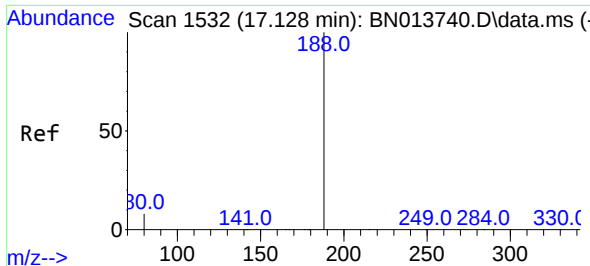
Tgt Ion:154 Resp: 1682
Ion Ratio Lower Upper
154 100
153 119.1 88.4 132.6
152 72.4 43.0 64.4#



#18
Fluorene
Concen: 0.06 ng
RT: 15.425 min Scan# 1394
Delta R.T. -0.000 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35

Tgt Ion:166 Resp: 2952
Ion Ratio Lower Upper
166 100
165 101.2 77.8 116.8
167 21.1 10.6 16.0#

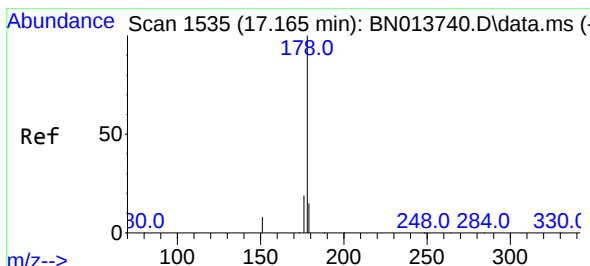
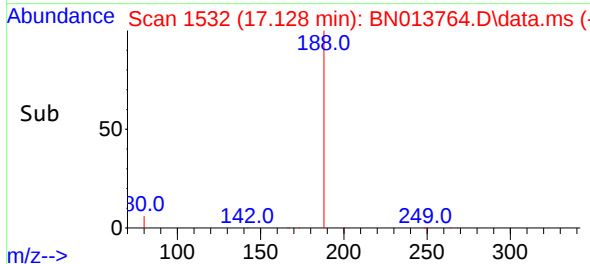
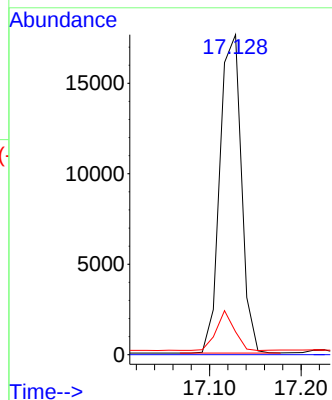
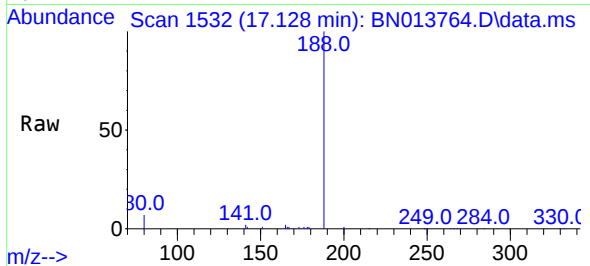




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.128 min Scan# 1532
Delta R.T. 0.001 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35

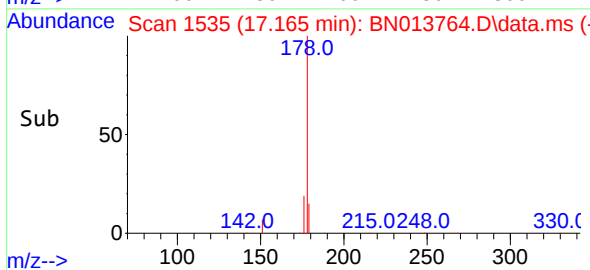
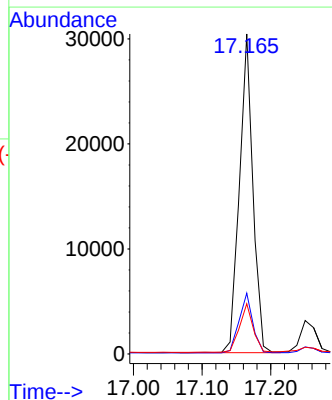
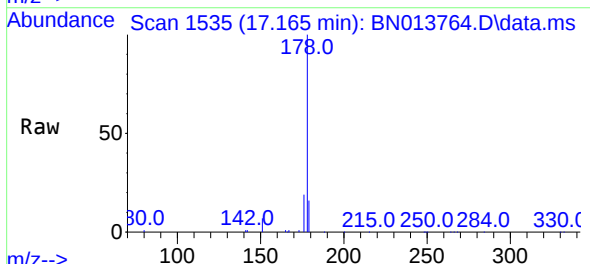
Instrument :
BNA_N
ClientSampleId :
GW803-20-25-022321

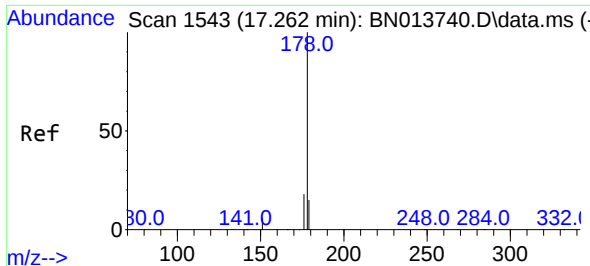
Tgt Ion:188 Resp: 28750
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.2 9.0 13.6#



#25
Phenanthrene
Concen: 0.55 ng
RT: 17.165 min Scan# 1535
Delta R.T. 0.001 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35

Tgt Ion:178 Resp: 41577
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.5 12.3 18.5

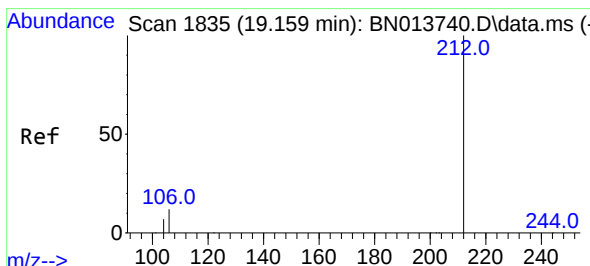
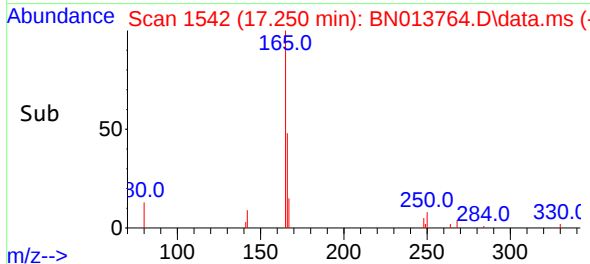
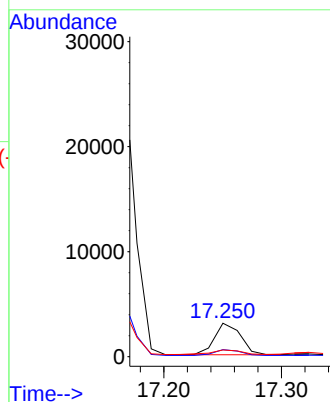
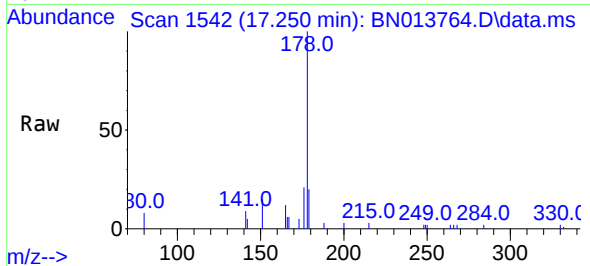




#26
 Anthracene
 Concen: 0.06 ng
 RT: 17.250 min Scan# 1542
 Delta R.T. 0.001 min
 Lab File: BN013764.D
 Acq: 25 Feb 2021 12:35

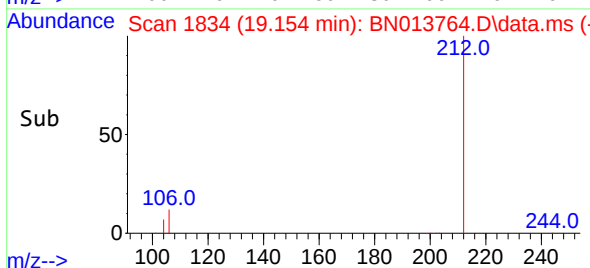
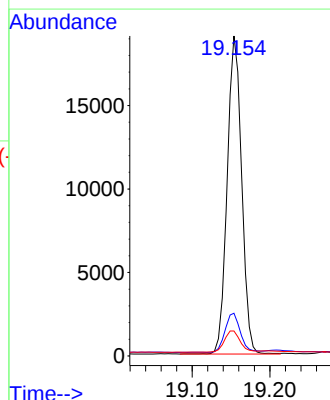
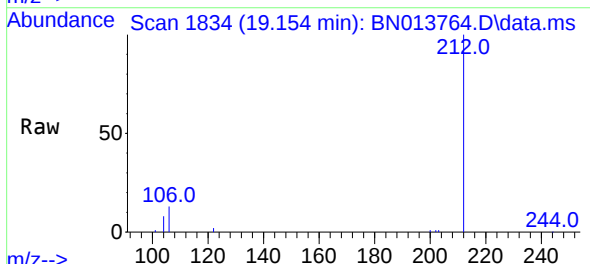
Instrument :
 BNA_N
 ClientSampleId :
 GW803-20-25-022321

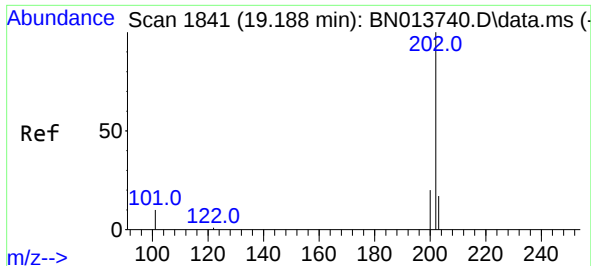
Tgt Ion:178 Resp: 4625
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.6 21.8
 179 17.9 12.2 18.2



#27
 Fluoranthene-d10
 Concen: 0.29 ng
 RT: 19.154 min Scan# 1834
 Delta R.T. -0.002 min
 Lab File: BN013764.D
 Acq: 25 Feb 2021 12:35

Tgt Ion:212 Resp: 24567
 Ion Ratio Lower Upper
 212 100
 106 13.0 9.7 14.5
 104 7.4 5.5 8.3

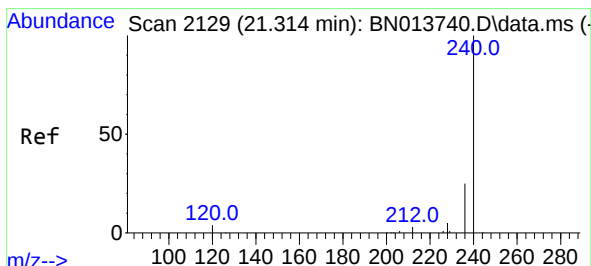
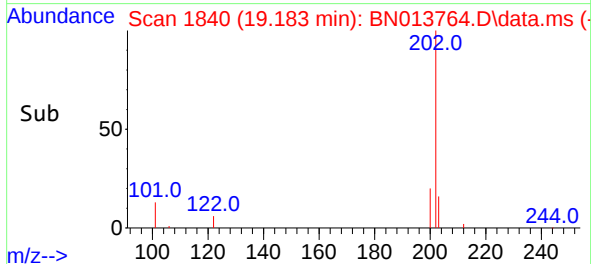
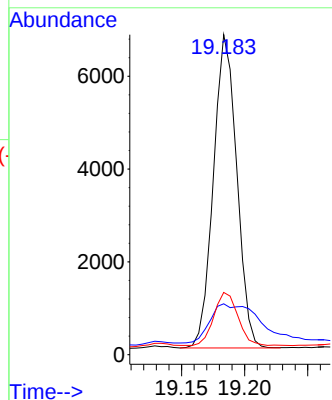
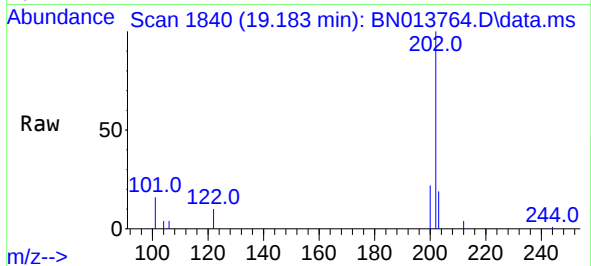




#28
Fluoranthene
Concen: 0.10 ng
RT: 19.183 min Scan# 1840
Delta R.T. -0.002 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35

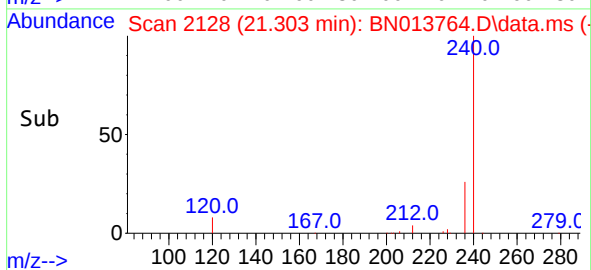
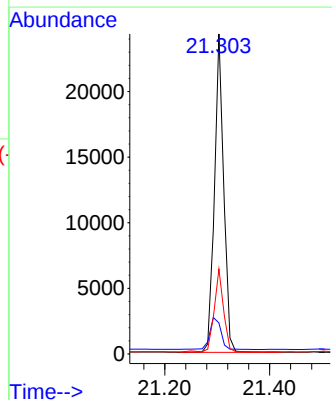
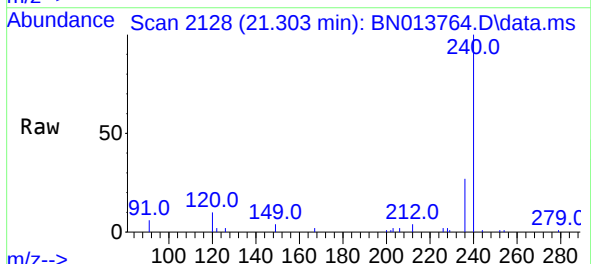
Instrument :
BNA_N
ClientSampleId :
GW803-20-25-022321

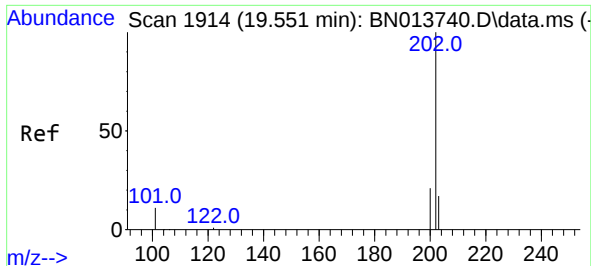
Tgt Ion:	202	Resp:	8681
Ion Ratio	Lower	Upper	
202	100		
101	28.4	8.1	12.1#
203	17.6	13.9	20.9



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.303 min Scan# 2128
Delta R.T. 0.003 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35

Tgt Ion:	240	Resp:	29652
Ion Ratio	Lower	Upper	
240	100		
120	9.7	10.2	15.4#
236	26.5	21.3	31.9

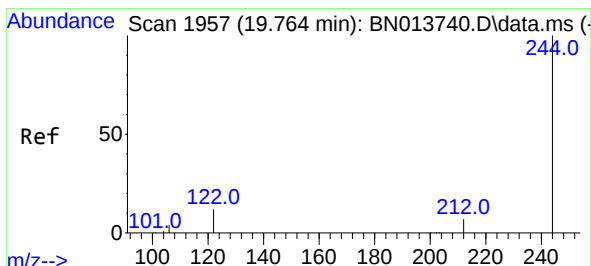
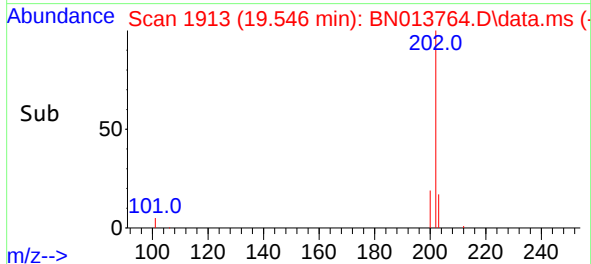
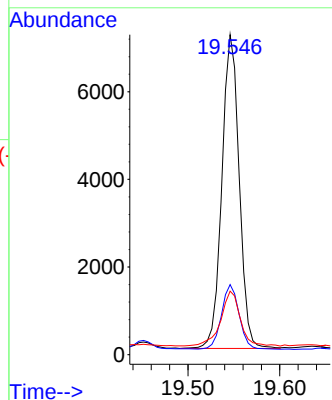
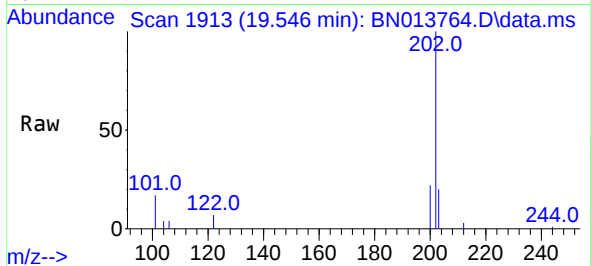




#30
Pyrene
Concen: 0.10 ng
RT: 19.546 min Scan# 1913
Delta R.T. -0.002 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35

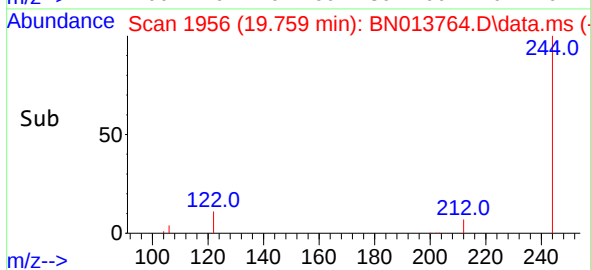
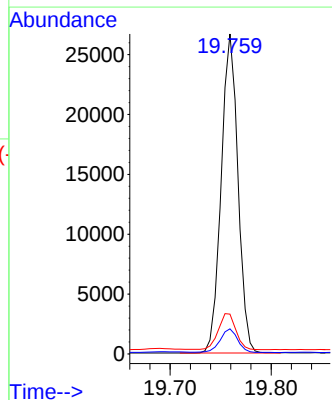
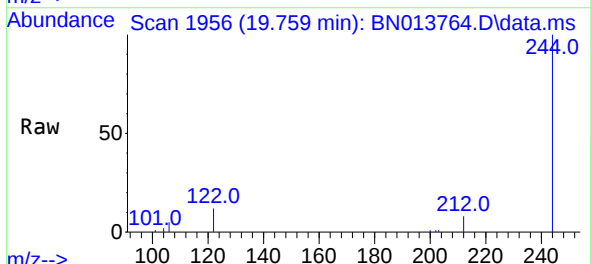
Instrument :
BNA_N
ClientSampleId :
GW803-20-25-022321

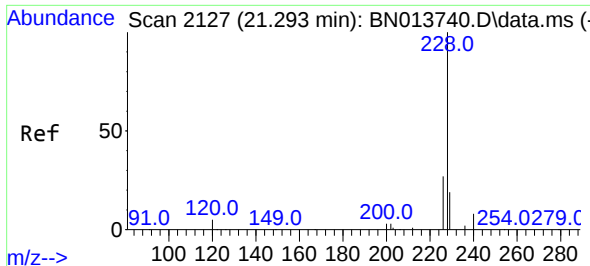
Tgt Ion:202 Resp: 9379
Ion Ratio Lower Upper
202 100
200 20.9 16.3 24.5
203 19.8 14.0 21.0



#31
Terphenyl-d14
Concen: 0.47 ng
RT: 19.759 min Scan# 1956
Delta R.T. -0.002 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35

Tgt Ion:244 Resp: 30714
Ion Ratio Lower Upper
244 100
212 7.8 6.1 9.1
122 12.4 9.8 14.8

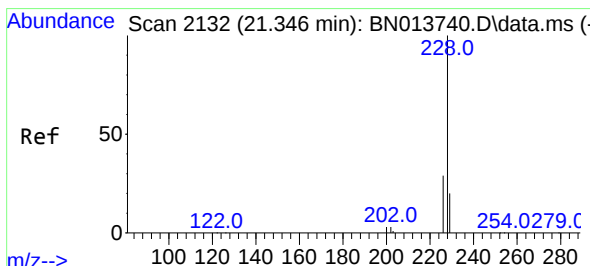
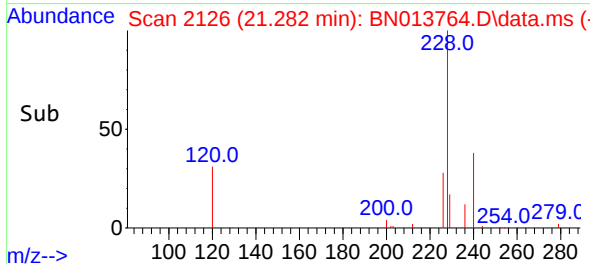
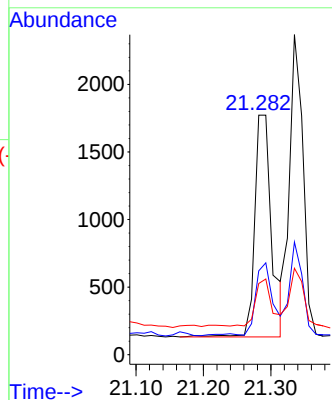
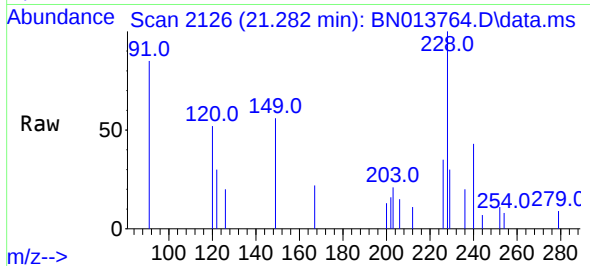




#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.282 min Scan# 2126
Delta R.T. -0.008 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35

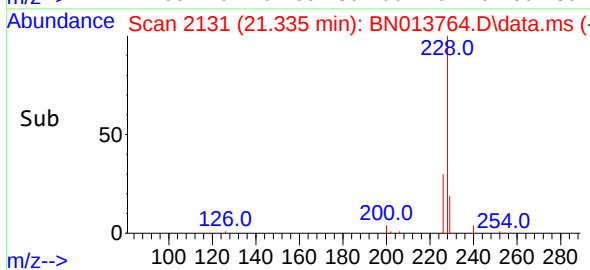
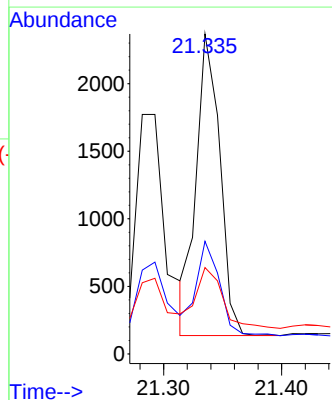
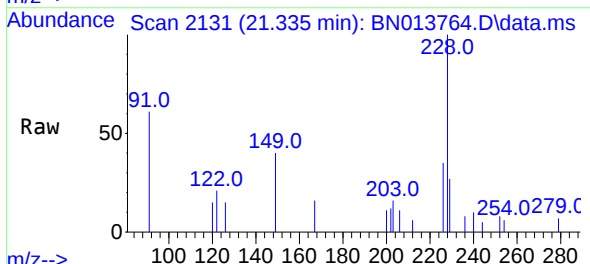
Instrument :
BNA_N
ClientSampleId :
GW803-20-25-022321

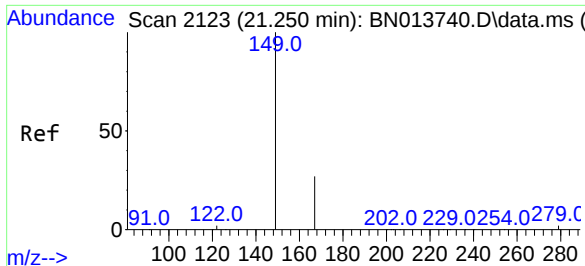
Tgt Ion:228 Resp: 2867
Ion Ratio Lower Upper
228 100
226 35.0 20.5 30.7#
229 29.7 16.2 24.4#



#33
Chrysene
Concen: 0.03 ng
RT: 21.335 min Scan# 2131
Delta R.T. -0.008 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35

Tgt Ion:228 Resp: 3093
Ion Ratio Lower Upper
228 100
226 35.2 24.3 36.5
229 27.0 15.1 22.7#

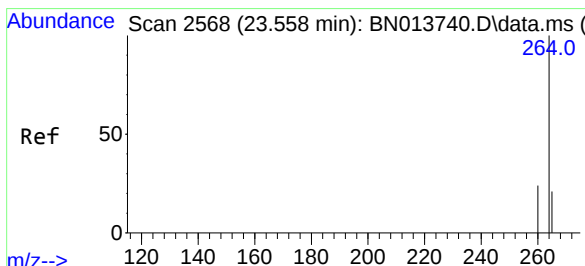
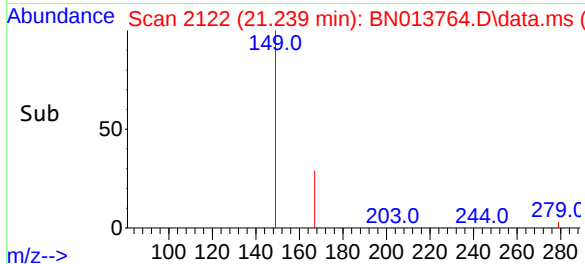
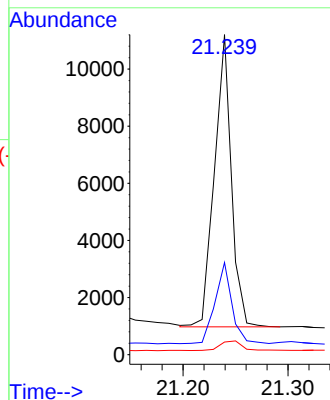
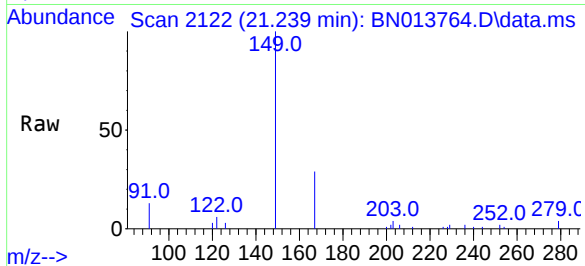




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.26 ng
RT: 21.239 min Scan# 2122
Delta R.T. 0.003 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35

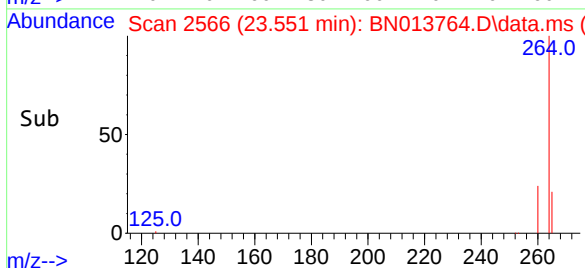
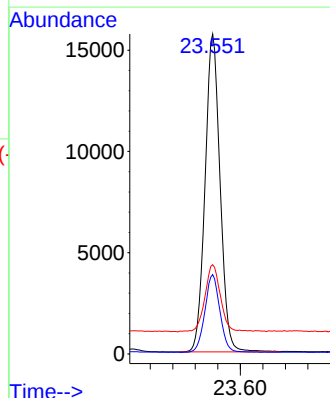
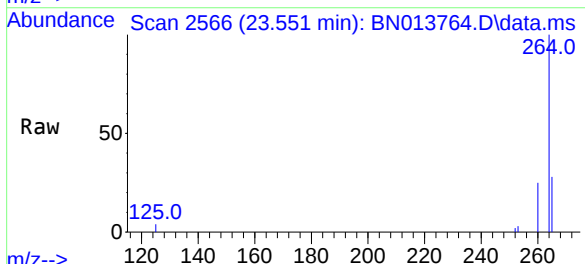
Instrument :
BNA_N
ClientSampleId :
GW803-20-25-022321

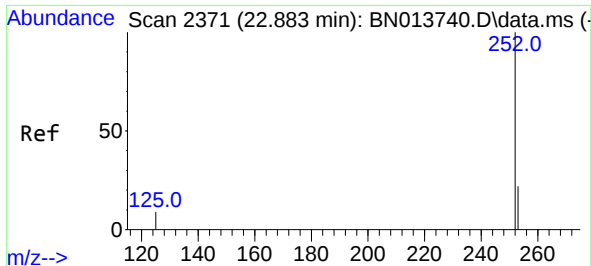
Tgt Ion:149 Resp: 11439
Ion Ratio Lower Upper
149 100
167 28.0 22.1 33.1
279 4.6 3.5 5.3



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.551 min Scan# 2566
Delta R.T. -0.001 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35

Tgt Ion:264 Resp: 29166
Ion Ratio Lower Upper
264 100
260 24.8 19.3 28.9
265 27.9 66.2 99.4#

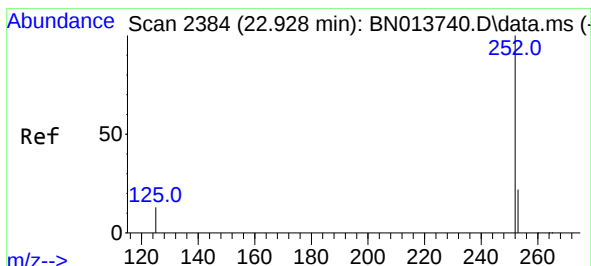
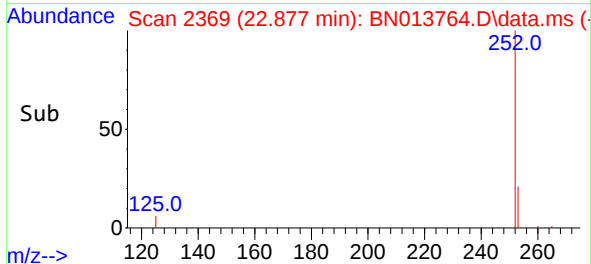
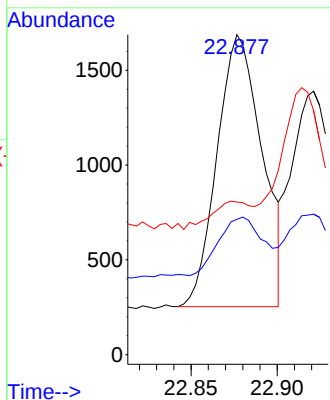
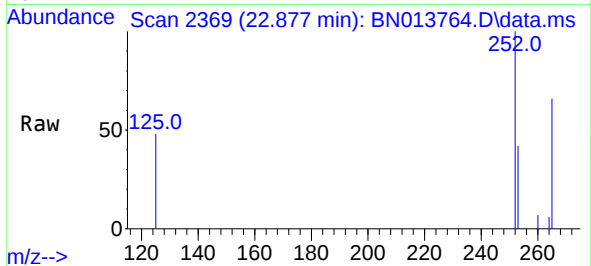




#37
Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 22.877 min Scan# 2369
Delta R.T. -0.001 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35

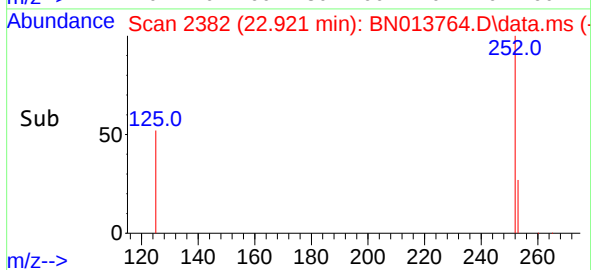
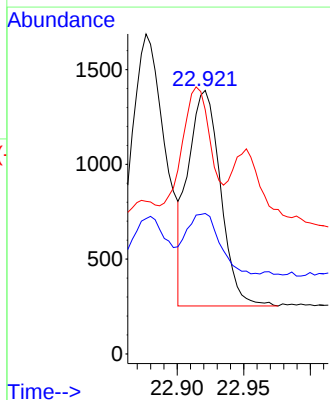
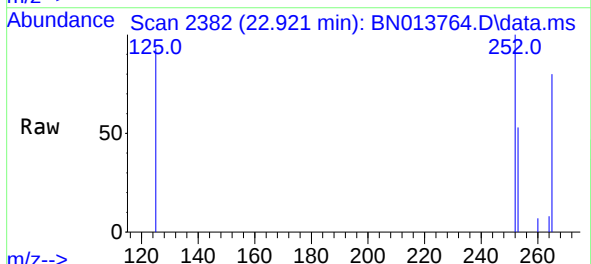
Instrument :
BNA_N
ClientSampleId :
GW803-20-25-022321

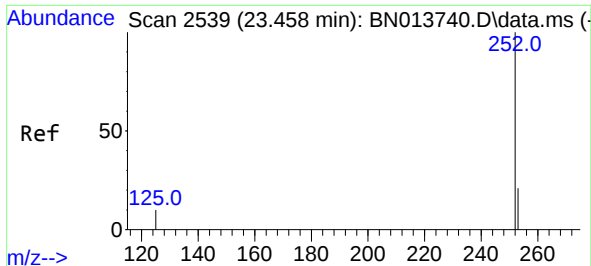
Tgt Ion:252 Resp: 2604
Ion Ratio Lower Upper
252 100
253 42.3 20.4 30.6#
125 47.7 11.6 17.4#



#38
Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 22.921 min Scan# 2382
Delta R.T. -0.001 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35

Tgt Ion:252 Resp: 1922
Ion Ratio Lower Upper
252 100
253 53.3 20.5 30.7#
125 92.7 12.3 18.5#





#39

Benzo(a)pyrene

Concen: 0.02 ng

RT: 23.452 min Scan# 2537

Delta R.T. -0.004 min

Lab File: BN013764.D

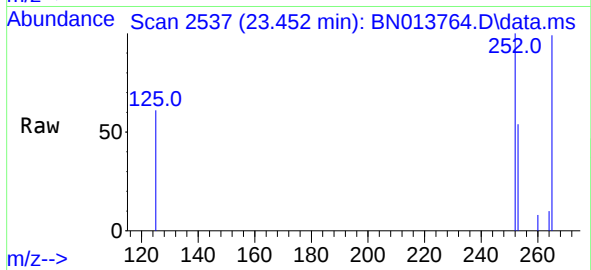
Acq: 25 Feb 2021 12:35

Instrument :

BNA_N

ClientSampleId :

GW803-20-25-022321



Tgt Ion:252 Resp: 1713

Ion Ratio Lower Upper

252 100

253 53.9 21.8 32.6#

125 61.4 14.6 21.8#

