

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022521\
 Data File : BN013765.D
 Acq On : 25 Feb 2021 13:11
 Operator : CG/JU
 Sample : M1473-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Feb 25 13:41:19 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)

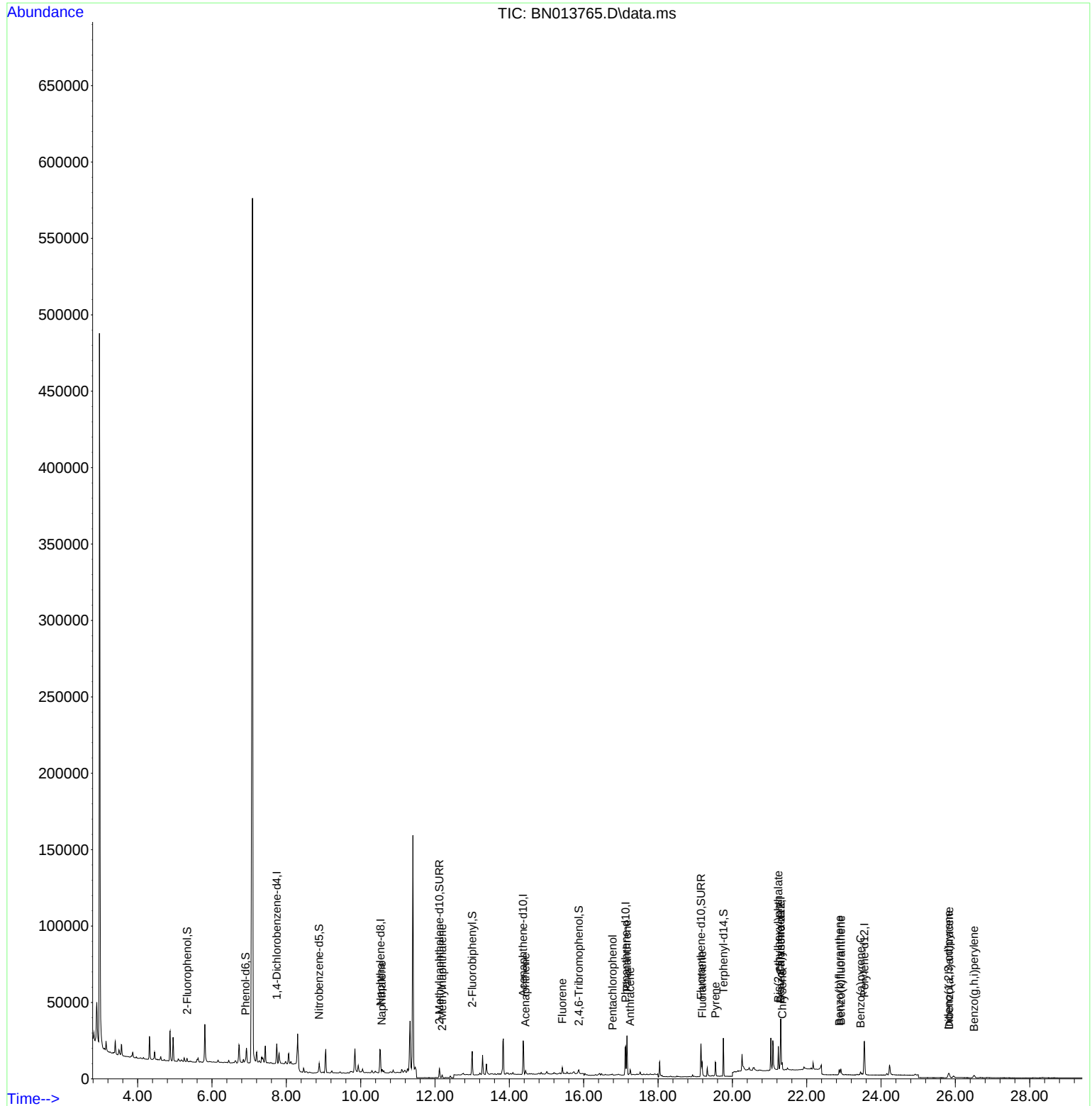
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.741	152	5516	0.40	ng	0.00
7) Naphthalene-d8	10.530	136	22169	0.40	ng	0.00
13) Acenaphthene-d10	14.372	164	13057	0.40	ng	0.00
19) Phenanthrene-d10	17.128	188	27988	0.40	ng	# 0.00
29) Chrysene-d12	21.300	240	28901	0.40	ng	0.00
36) Perylene-d12	23.548	264	28714	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.333	112	1675	0.11	ng	0.00
5) Phenol-d6	6.903	99	1416	0.07	ng	0.00
8) Nitrobenzene-d5	8.883	82	4654	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.120	152	8052	0.22	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	1868	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.001	172	12346	0.27	ng	0.00
27) Fluoranthene-d10	19.156	212	24056	0.29	ng	0.00
31) Terphenyl-d14	19.757	244	24284	0.38	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.568	128	2546	0.05	ng	# 86
12) 2-Methylnaphthalene	12.191	142	1283	0.03	ng	# 88
17) Acenaphthene	14.435	154	1207	0.03	ng	# 92
18) Fluorene	15.425	166	2618	0.06	ng	# 89
24) Pentachlorophenol	16.775	266	196	0.04	ng	97
25) Phenanthrene	17.164	178	25383	0.35	ng	99
26) Anthracene	17.250	178	3406	0.05	ng	# 96
28) Fluoranthene	19.186	202	7746	0.09	ng	# 96
30) Pyrene	19.543	202	7901	0.09	ng	97
32) Benzo(a)anthracene	21.290	228	3946	0.04	ng	# 90
33) Chrysene	21.343	228	4348	0.05	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.237	149	12490	0.30	ng	100
35) Indeno(1,2,3-cd)pyrene	25.814	276	3642	0.03	ng	97
37) Benzo(b)fluoranthene	22.874	252	4382	0.05	ng	# 72
38) Benzo(k)fluoranthene	22.922	252	3835	0.04	ng	# 49
39) Benzo(a)pyrene	23.449	252	2893	0.04	ng	# 59
40) Dibenzo(a,h)anthracene	25.835	278	2702	0.03	ng	# 62
41) Benzo(g,h,i)perylene	26.502	276	3191	0.04	ng	# 79

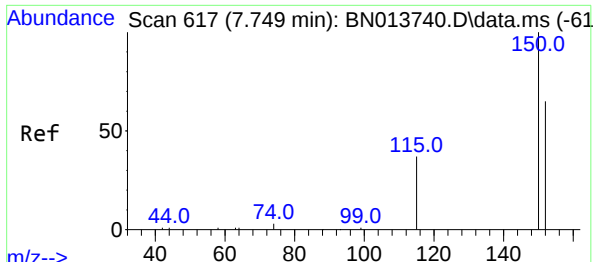
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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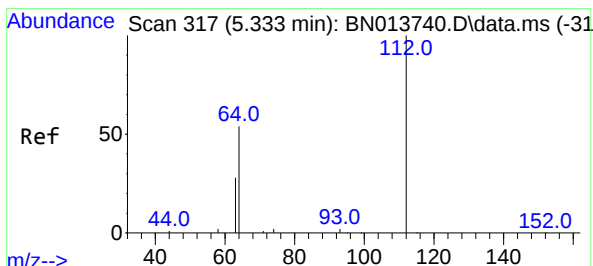
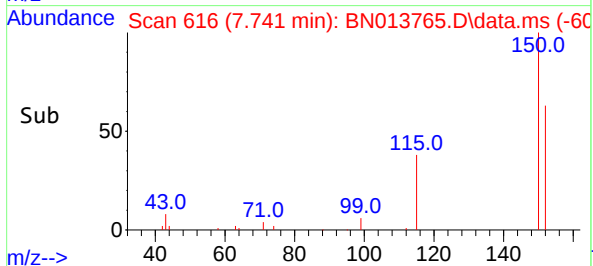
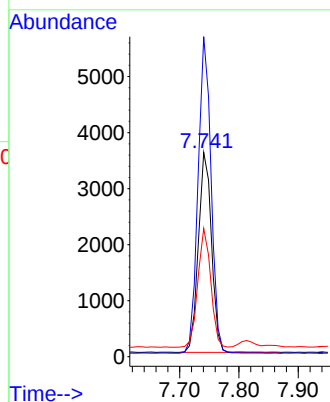
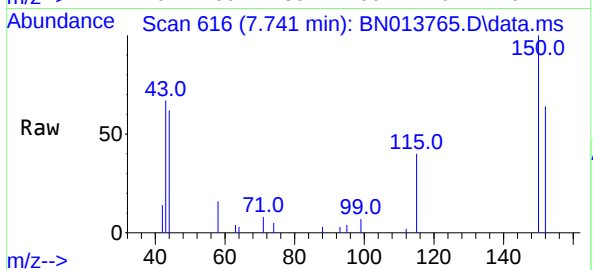




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.741 min Scan# 616
Delta R.T. -0.000 min
Lab File: BN013765.D
Acq: 25 Feb 2021 13:11

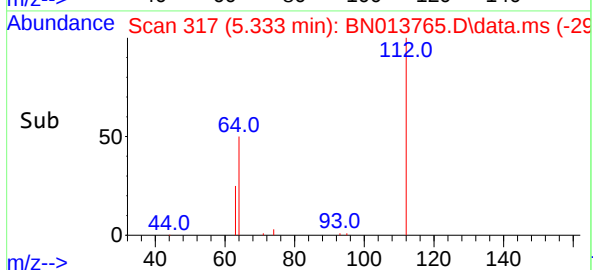
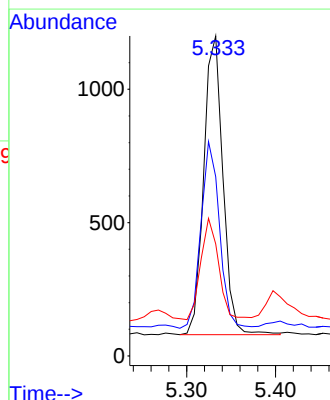
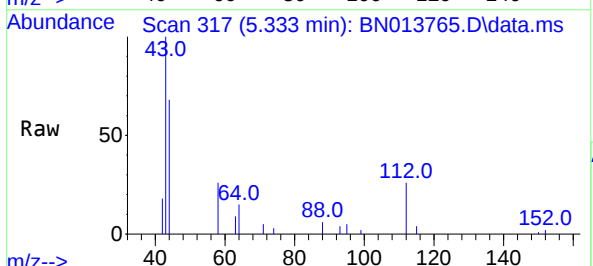
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ClientSampleId :
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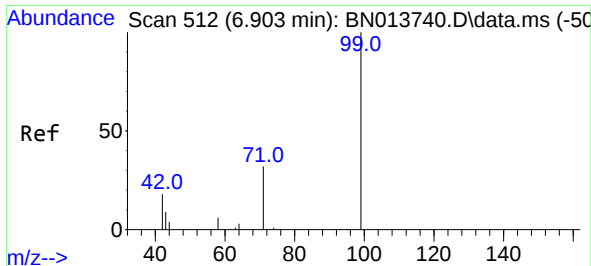
Tgt Ion:152 Resp: 5516
Ion Ratio Lower Upper
152 100
150 156.6 121.8 182.8
115 62.7 46.6 69.8



#4
2-Fluorophenol
Concen: 0.11 ng
RT: 5.333 min Scan# 317
Delta R.T. 0.008 min
Lab File: BN013765.D
Acq: 25 Feb 2021 13:11

Tgt Ion:112 Resp: 1675
Ion Ratio Lower Upper
112 100
64 60.2 44.3 66.5
63 33.1 23.0 34.6

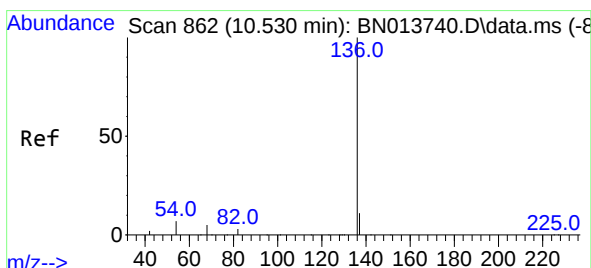
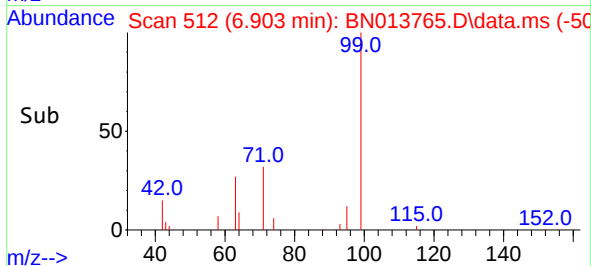
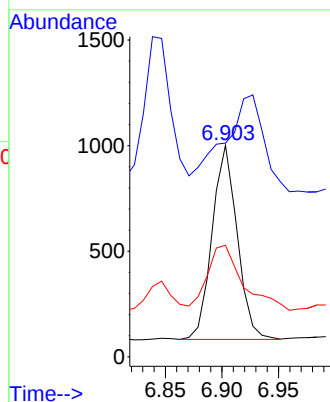
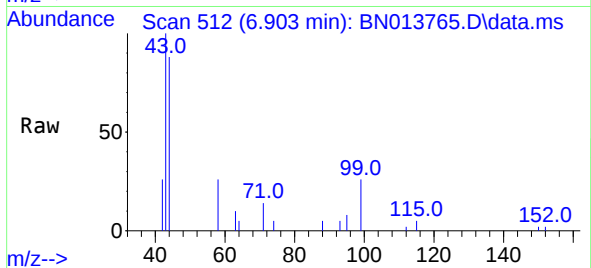




#5
Phenol-d6
Concen: 0.07 ng
RT: 6.903 min Scan# 512
Delta R.T. 0.000 min
Lab File: BN013765.D
Acq: 25 Feb 2021 13:11

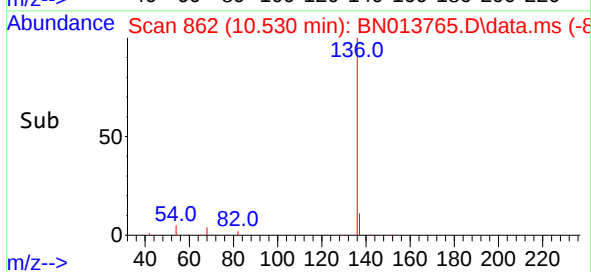
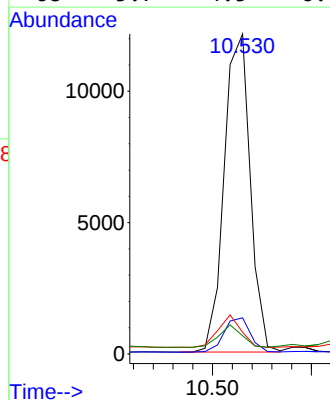
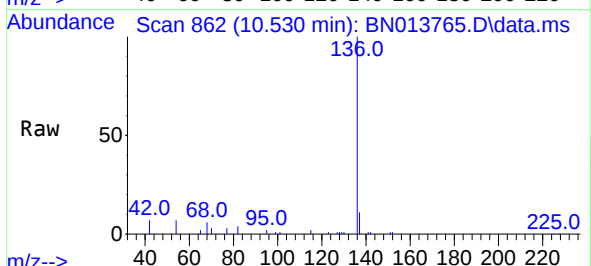
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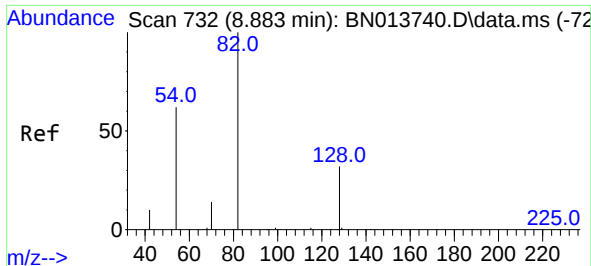
Tgt Ion:	99	Resp:	1416
Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.2	22.8#
71	44.8	26.1	39.1#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.530 min Scan# 862
Delta R.T. 0.000 min
Lab File: BN013765.D
Acq: 25 Feb 2021 13:11

Tgt Ion:	136	Resp:	22169
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	6.8	6.4	9.6
68	5.7	4.5	6.7

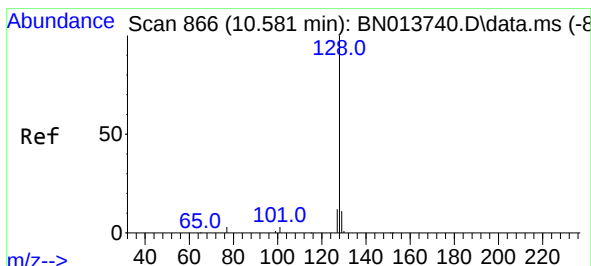
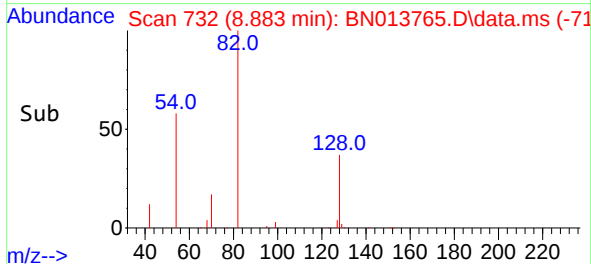
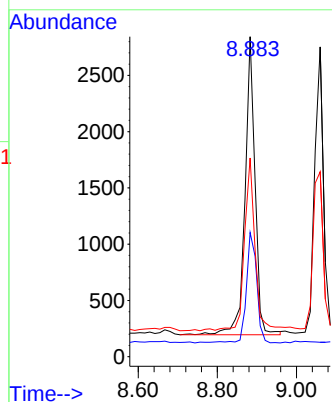
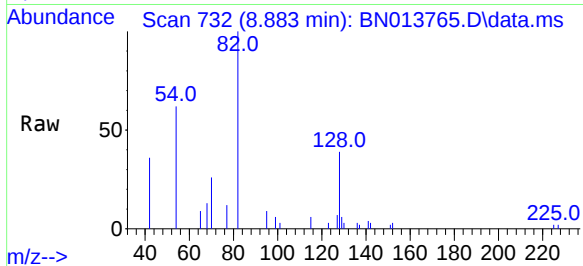




#8
Nitrobenzene-d5
Concen: 0.33 ng
RT: 8.883 min Scan# 732
Delta R.T. 0.000 min
Lab File: BN013765.D
Acq: 25 Feb 2021 13:11

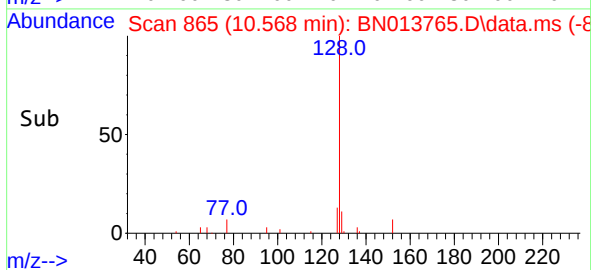
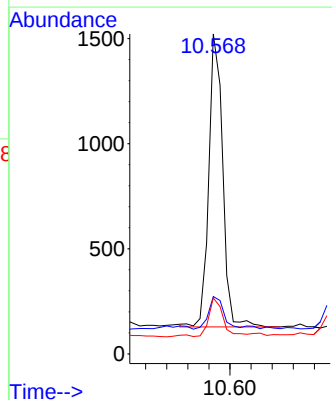
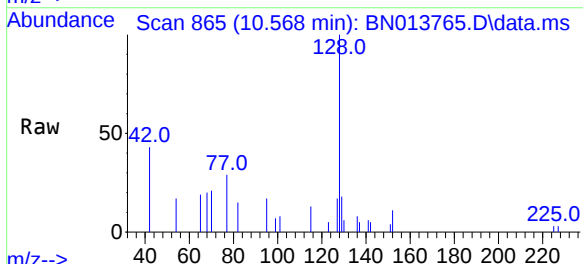
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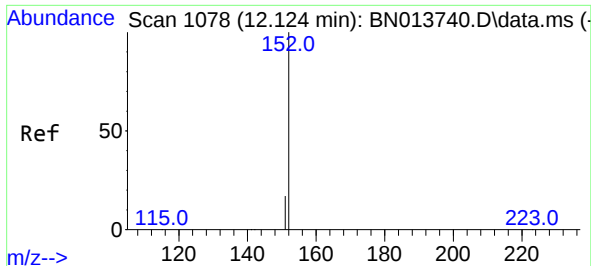
Tgt Ion: 82 Resp: 4654
Ion Ratio Lower Upper
82 100
128 38.8 39.2 58.8#
54 62.1 40.1 60.1#



#9
Naphthalene
Concen: 0.05 ng
RT: 10.568 min Scan# 865
Delta R.T. 0.000 min
Lab File: BN013765.D
Acq: 25 Feb 2021 13:11

Tgt Ion: 128 Resp: 2546
Ion Ratio Lower Upper
128 100
129 17.9 9.0 13.4#
127 17.5 10.4 15.6#

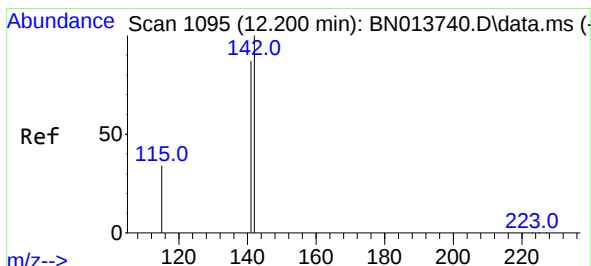
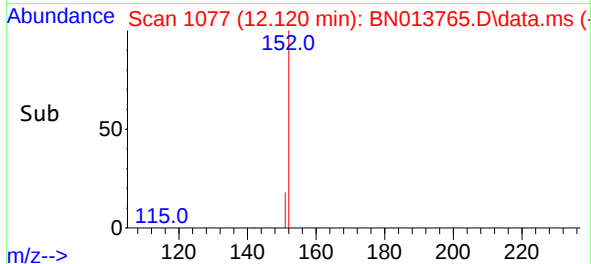
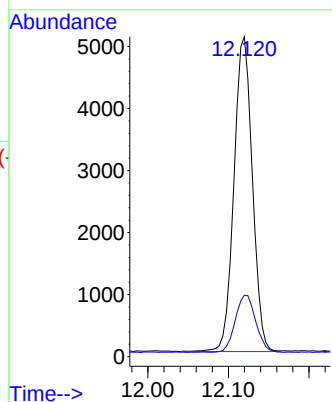
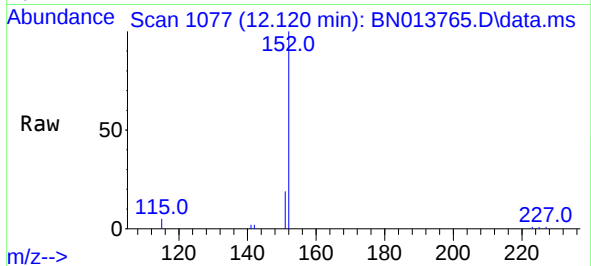




#11
2-Methylnaphthalene-d10
Concen: 0.22 ng
RT: 12.120 min Scan# 1077
Delta R.T. 0.000 min
Lab File: BN013765.D
Acq: 25 Feb 2021 13:11

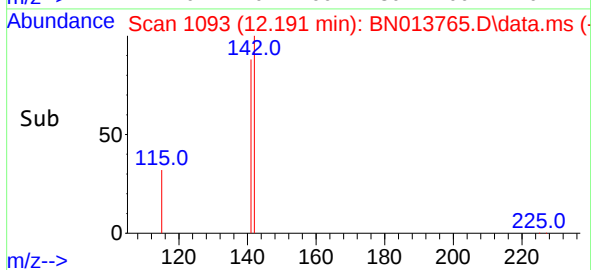
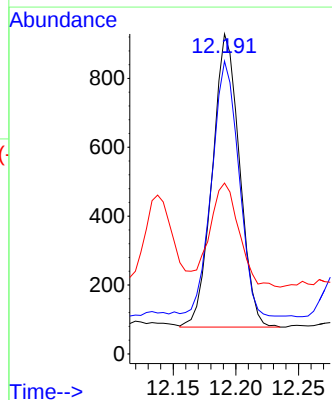
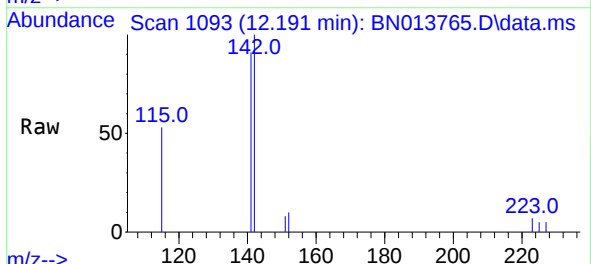
Instrument :
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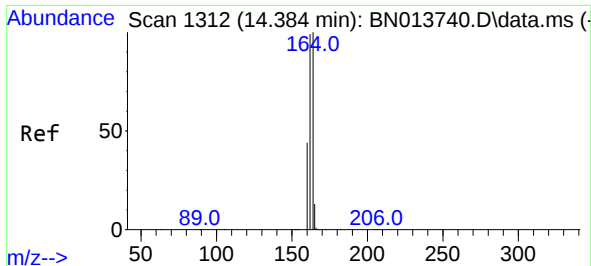
Tgt Ion:152 Resp: 8052
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2



#12
2-Methylnaphthalene
Concen: 0.03 ng
RT: 12.191 min Scan# 1093
Delta R.T. -0.004 min
Lab File: BN013765.D
Acq: 25 Feb 2021 13:11

Tgt Ion:142 Resp: 1283
Ion Ratio Lower Upper
142 100
141 91.5 70.5 105.7
115 53.4 27.4 41.0#

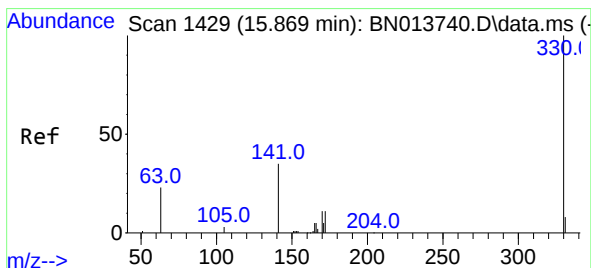
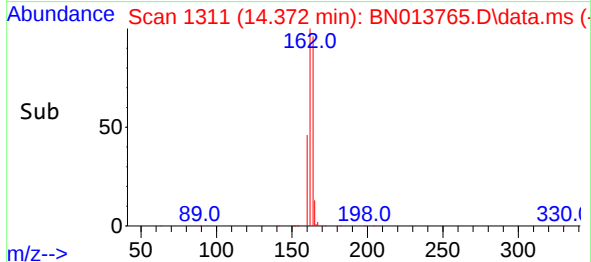
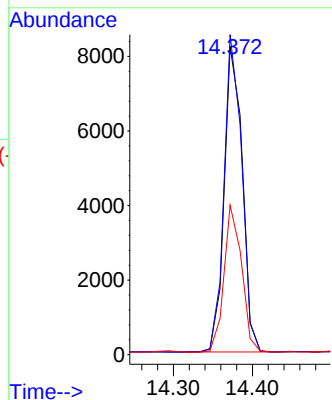
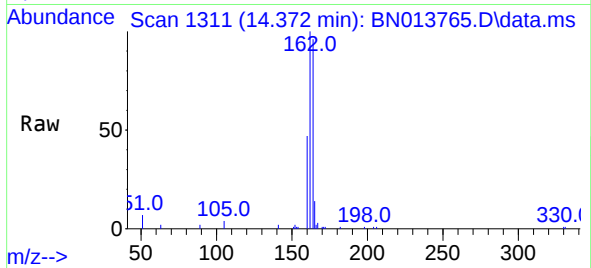




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.372 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BN013765.D
Acq: 25 Feb 2021 13:11

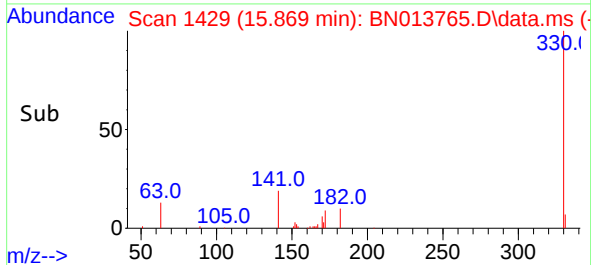
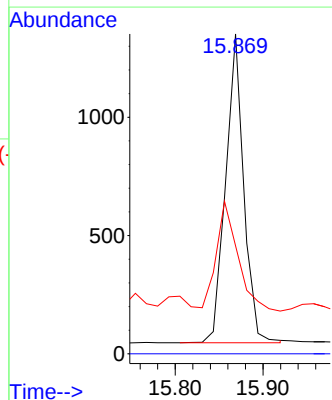
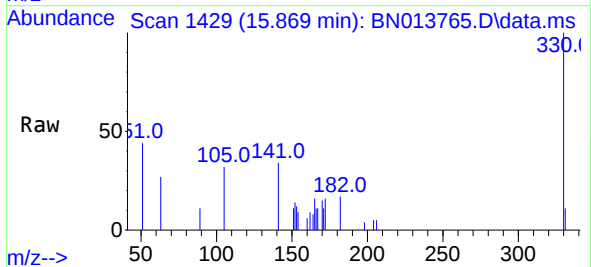
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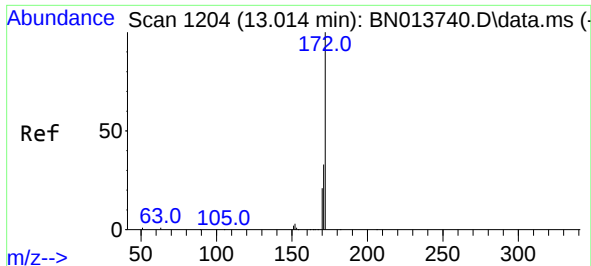
Tgt Ion:164 Resp: 13057
Ion Ratio Lower Upper
164 100
162 103.8 79.6 119.4
160 48.5 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.35 ng
RT: 15.869 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BN013765.D
Acq: 25 Feb 2021 13:11

Tgt Ion:330 Resp: 1868
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 42.4 26.8 40.2#

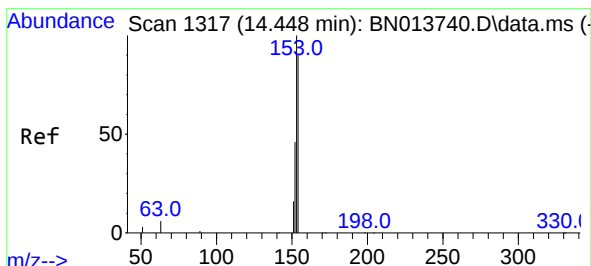
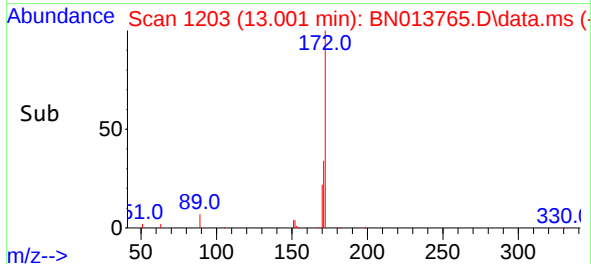
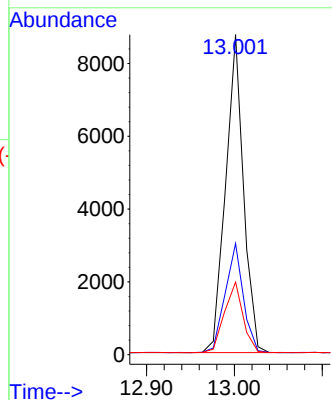
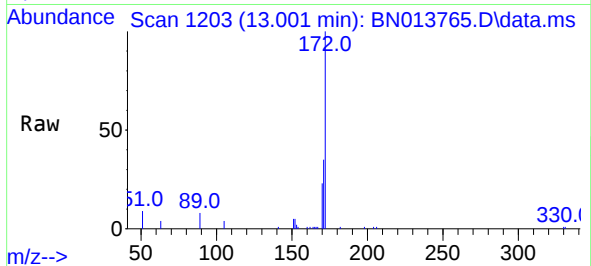




#15
2-Fluorobiphenyl
Concen: 0.27 ng
RT: 13.001 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BN013765.D
Acq: 25 Feb 2021 13:11

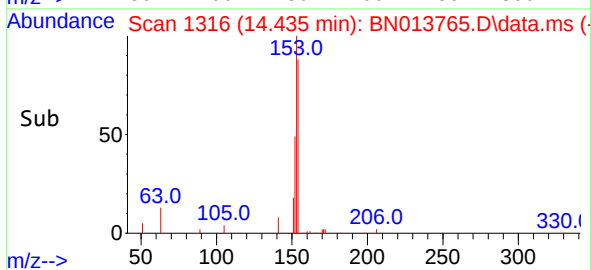
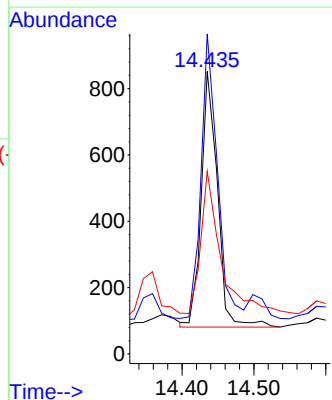
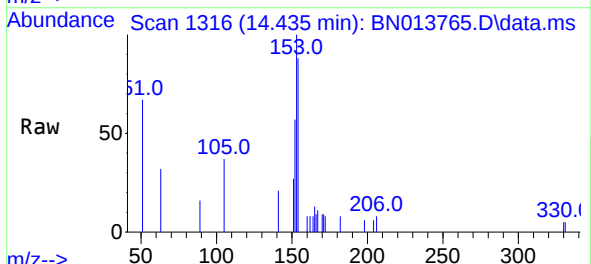
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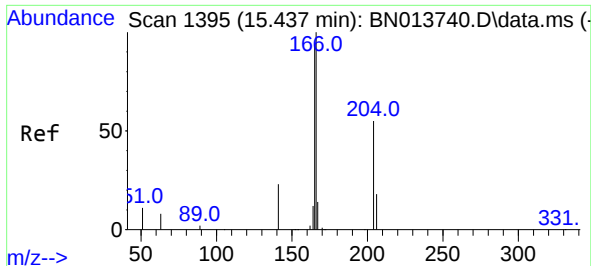
Tgt Ion:	172	Resp:	12346
Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.6	42.8
170	22.7	18.9	28.3



#17
Acenaphthene
Concen: 0.03 ng
RT: 14.435 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BN013765.D
Acq: 25 Feb 2021 13:11

Tgt Ion:	154	Resp:	1207
Ion	Ratio	Lower	Upper
154	100		
153	111.8	88.4	132.6
152	68.9	43.0	64.4

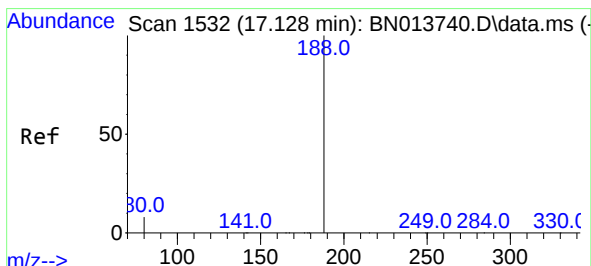
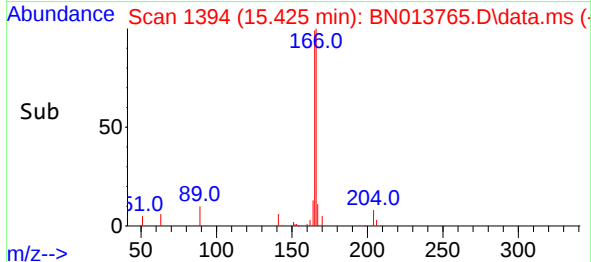
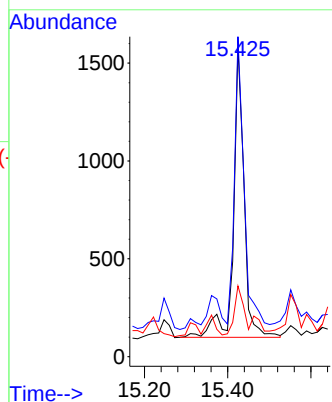
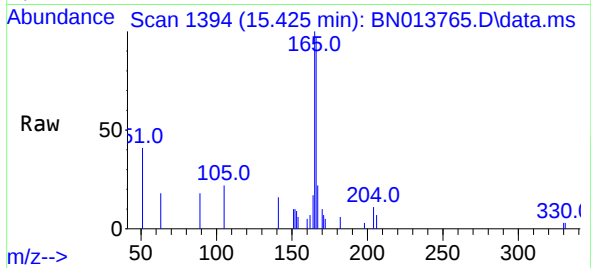




#18
Fluorene
Concen: 0.06 ng
RT: 15.425 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BN013765.D
Acq: 25 Feb 2021 13:11

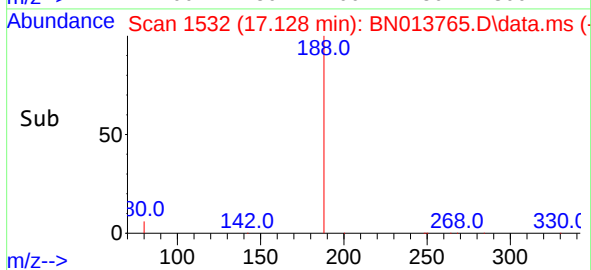
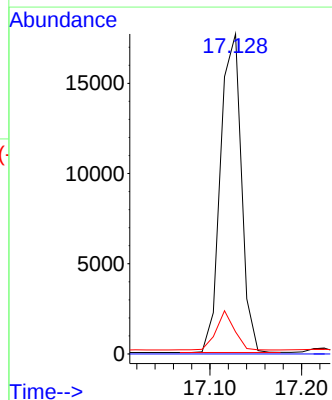
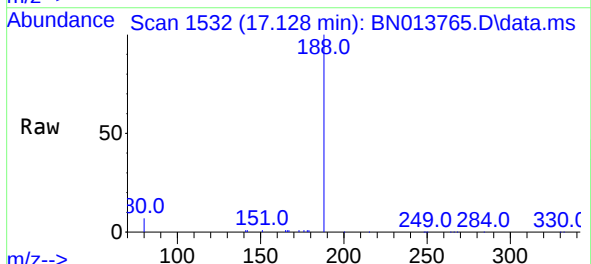
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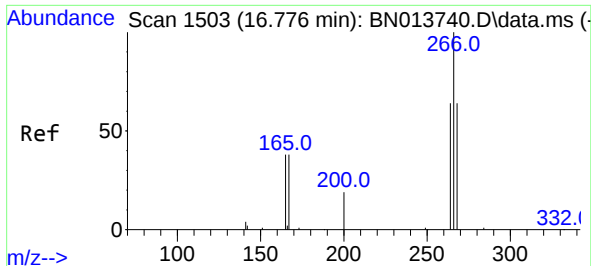
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Ion Ratio Lower Upper
166 100
165 87.9 77.8 116.8
167 20.9 10.6 16.0#



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.128 min Scan# 1532
Delta R.T. -0.000 min
Lab File: BN013765.D
Acq: 25 Feb 2021 13:11

Tgt Ion:188 Resp: 27988
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.9 9.0 13.6#

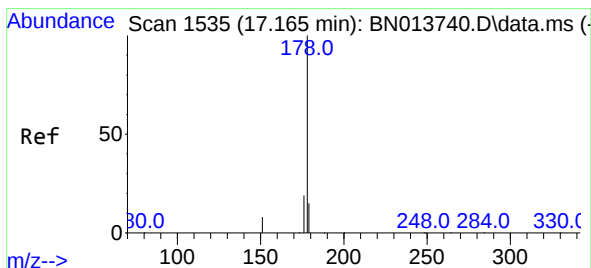
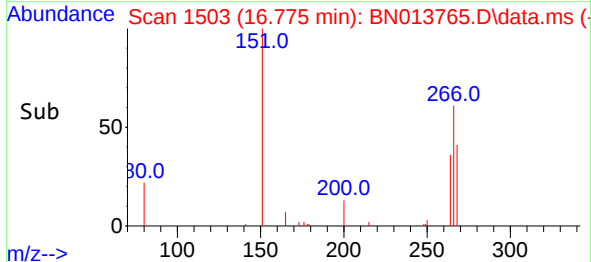
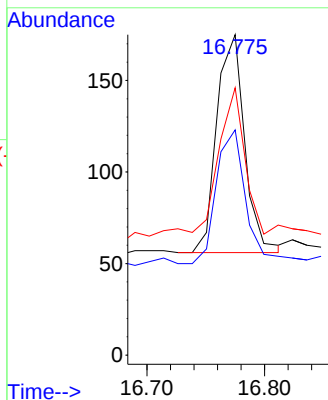
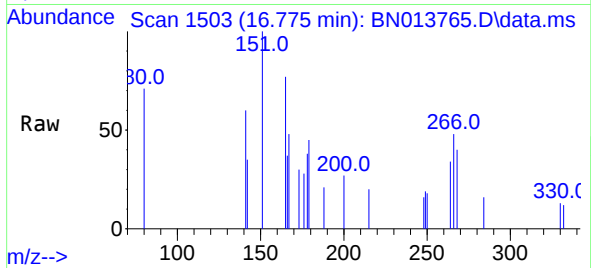




#24
Pentachlorophenol
Concen: 0.04 ng
RT: 16.775 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BN013765.D
Acq: 25 Feb 2021 13:11

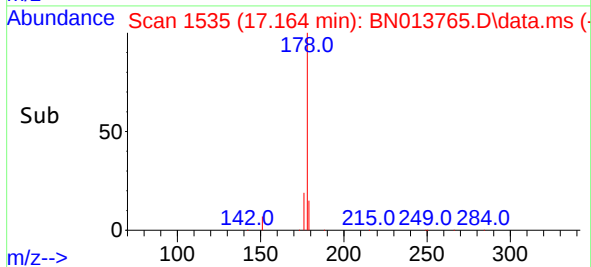
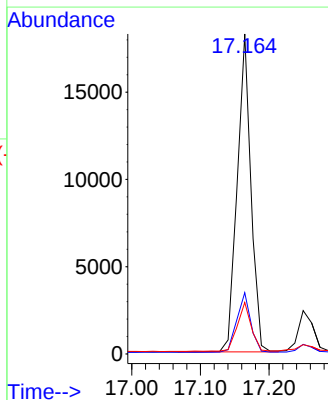
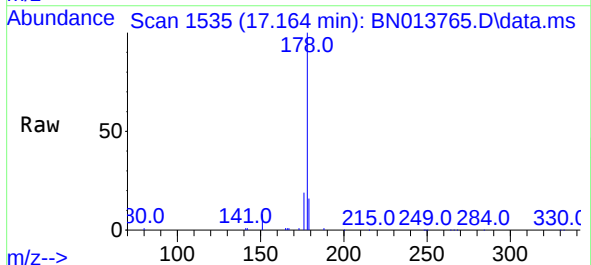
Instrument :
BNA_N
ClientSampleId :
GW803-20-25-022321-FD

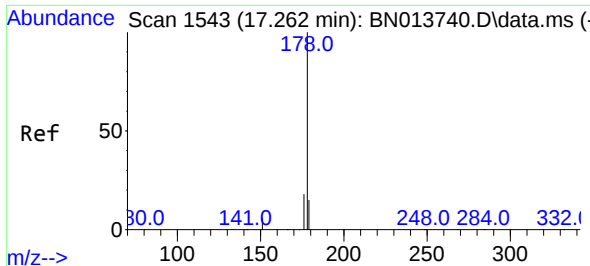
Tgt Ion:	266	Resp:	196
Ion	Ratio	Lower	Upper
266	100		
264	65.8	51.6	77.4
268	71.4	54.6	82.0



#25
Phenanthrene
Concen: 0.35 ng
RT: 17.164 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BN013765.D
Acq: 25 Feb 2021 13:11

Tgt Ion:	178	Resp:	25383
Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.8	12.3	18.5



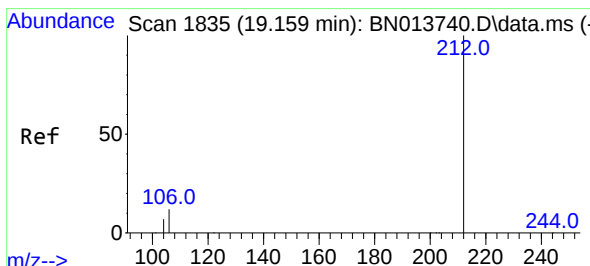
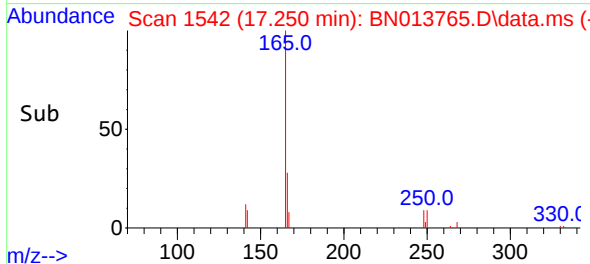
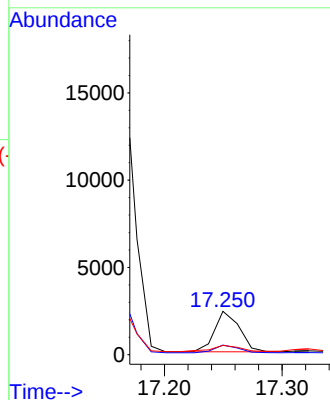
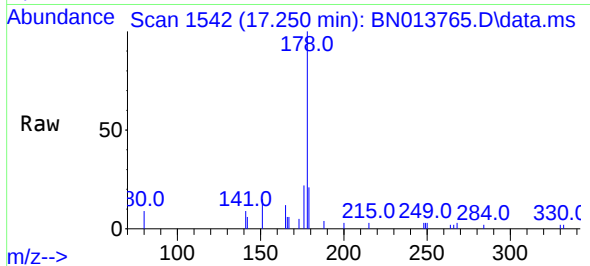


#26
 Anthracene
 Concen: 0.05 ng
 RT: 17.250 min Scan# 1542
 Delta R.T. -0.000 min
 Lab File: BN013765.D
 Acq: 25 Feb 2021 13:11

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

Tgt Ion:178 Resp: 3406

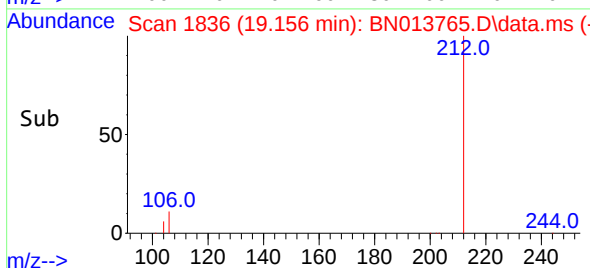
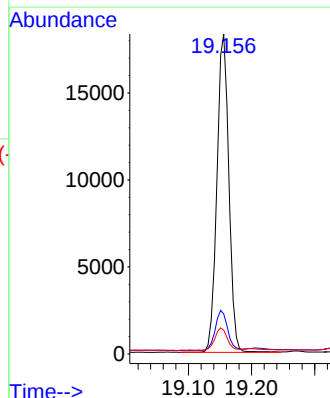
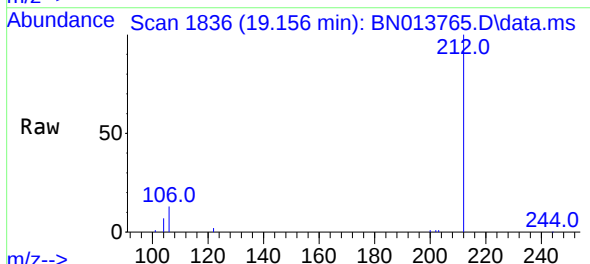
Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	18.4	12.2	18.2#

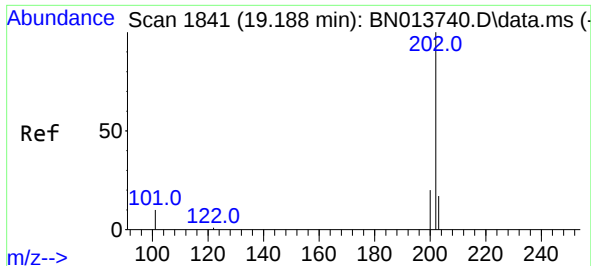


#27
 Fluoranthene-d10
 Concen: 0.29 ng
 RT: 19.156 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: BN013765.D
 Acq: 25 Feb 2021 13:11

Tgt Ion:212 Resp: 24056

Ion	Ratio	Lower	Upper
212	100		
106	13.2	9.7	14.5
104	7.3	5.5	8.3

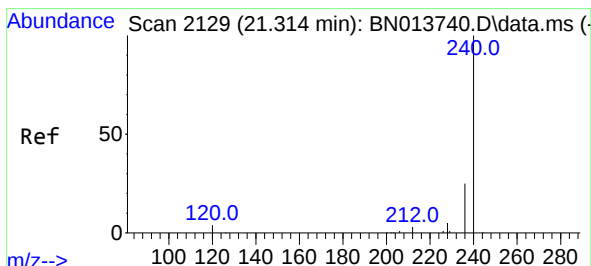
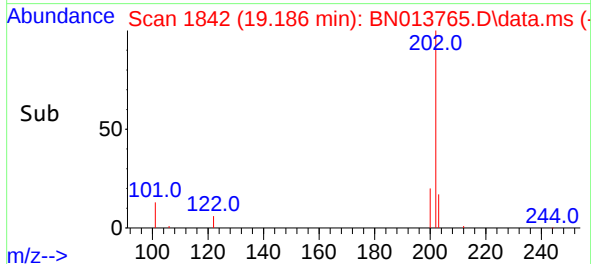
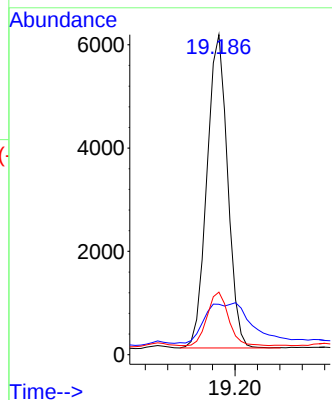
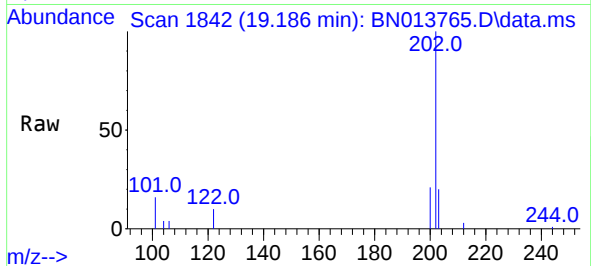




#28
Fluoranthene
Concen: 0.09 ng
RT: 19.186 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BN013765.D
Acq: 25 Feb 2021 13:11

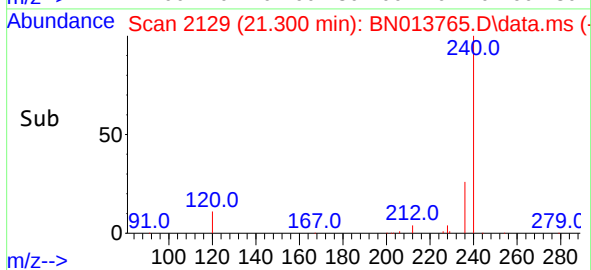
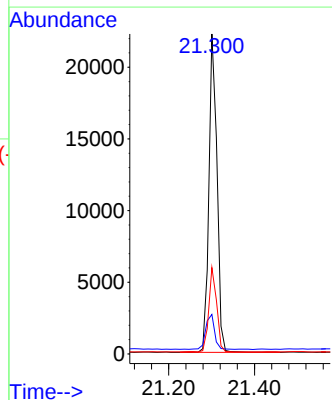
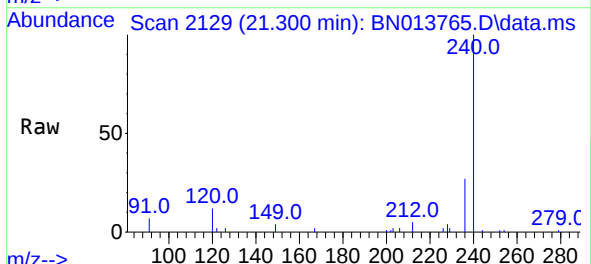
Instrument :
BNA_N
ClientSampleId :
GW803-20-25-022321-FD

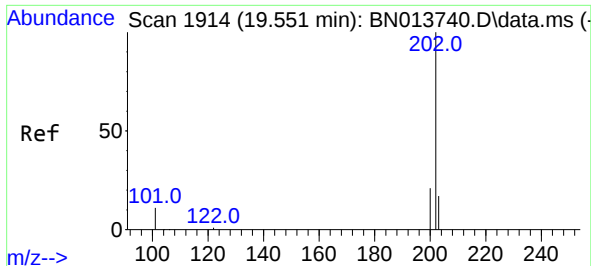
Tgt Ion:202 Resp: 7746
Ion Ratio Lower Upper
202 100
101 13.5 8.1 12.1#
203 17.8 13.9 20.9



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.300 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BN013765.D
Acq: 25 Feb 2021 13:11

Tgt Ion:240 Resp: 28901
Ion Ratio Lower Upper
240 100
120 12.3 10.2 15.4
236 27.0 21.3 31.9

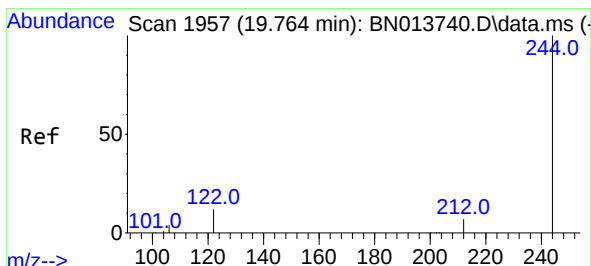
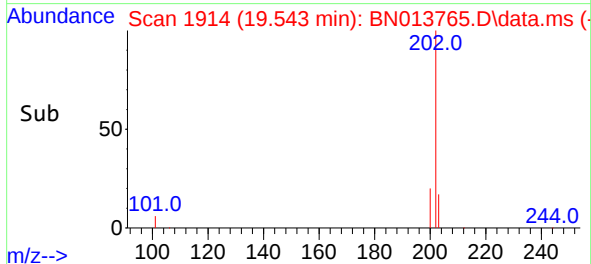
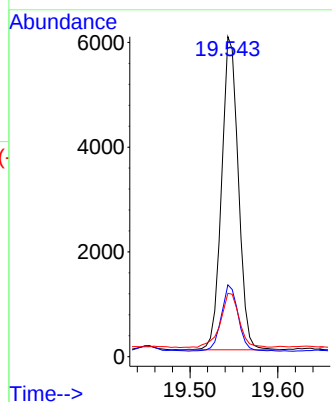
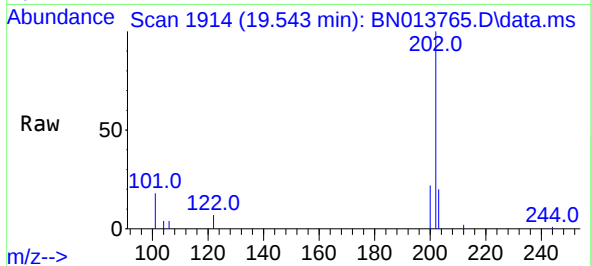




#30
Pyrene
Concen: 0.09 ng
RT: 19.543 min Scan# 1914
Delta R.T. -0.005 min
Lab File: BN013765.D
Acq: 25 Feb 2021 13:11

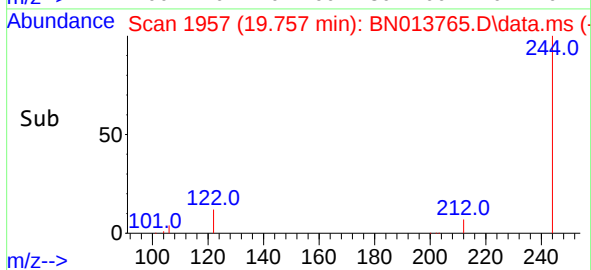
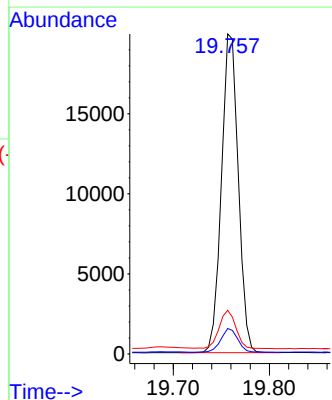
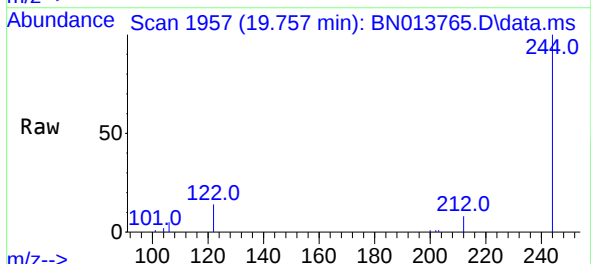
Instrument :
BNA_N
ClientSampleId :
GW803-20-25-022321-FD

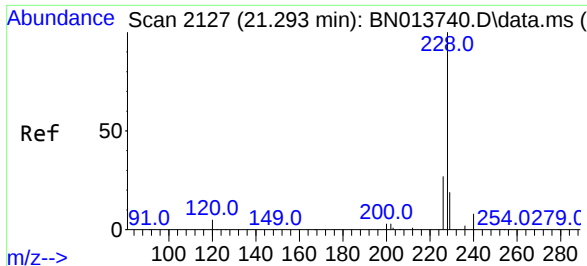
Tgt Ion:	202	Resp:	7901
Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.3	24.5
203	19.5	14.0	21.0



#31
Terphenyl-d14
Concen: 0.38 ng
RT: 19.757 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BN013765.D
Acq: 25 Feb 2021 13:11

Tgt Ion:	244	Resp:	24284
Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.1	9.1
122	13.7	9.8	14.8

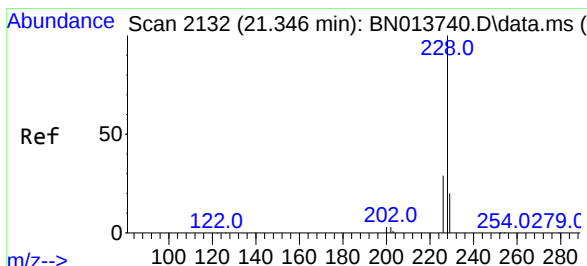
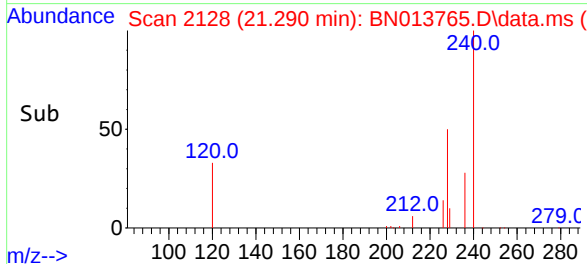
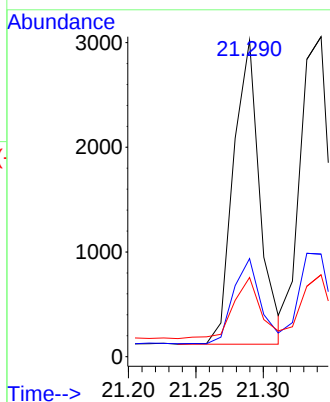
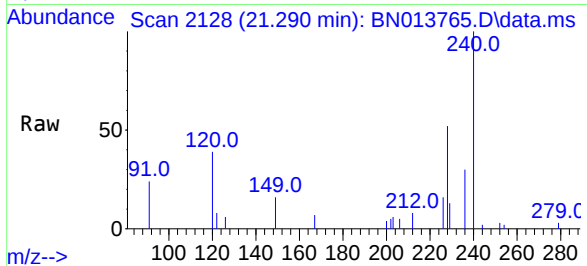




#32
Benzo(a)anthracene
Concen: 0.04 ng
RT: 21.290 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BN013765.D
Acq: 25 Feb 2021 13:11

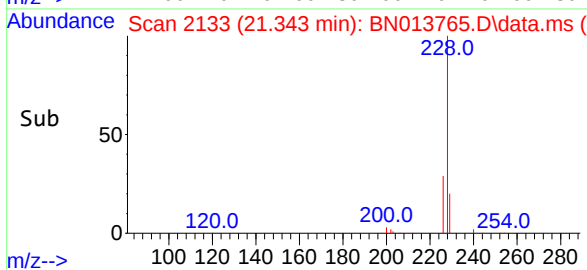
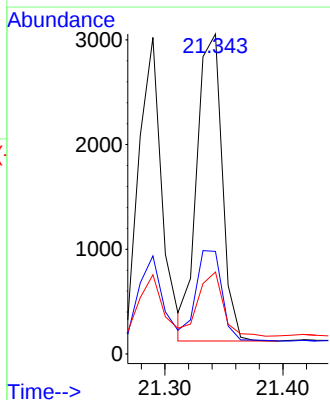
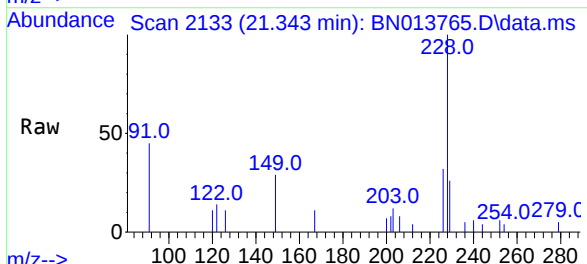
Instrument :
BNA_N
ClientSampleId :
GW803-20-25-022321-FD

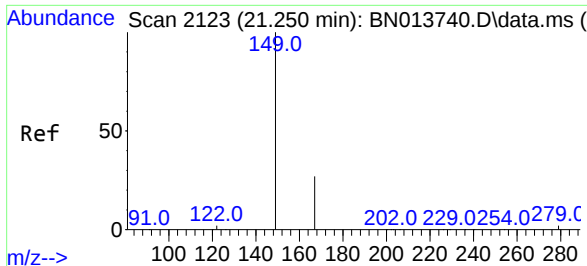
Tgt Ion:228 Resp: 3946
Ion Ratio Lower Upper
228 100
226 31.0 20.5 30.7#
229 25.0 16.2 24.4#



#33
Chrysene
Concen: 0.05 ng
RT: 21.343 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN013765.D
Acq: 25 Feb 2021 13:11

Tgt Ion:228 Resp: 4348
Ion Ratio Lower Upper
228 100
226 32.1 24.3 36.5
229 25.6 15.1 22.7#



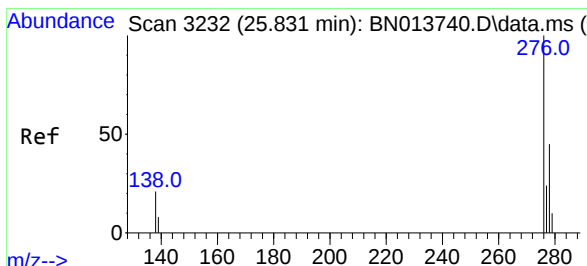
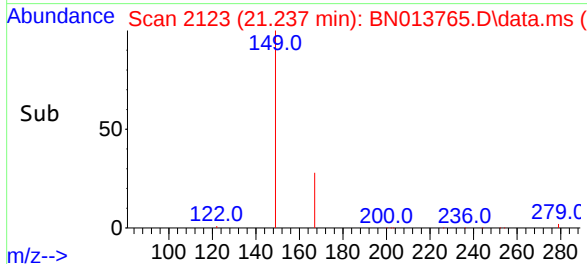
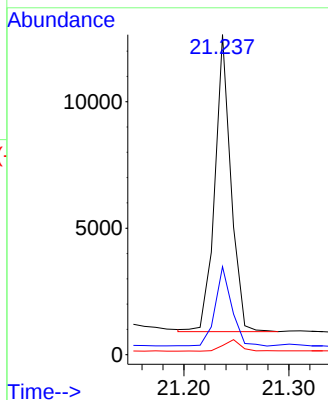
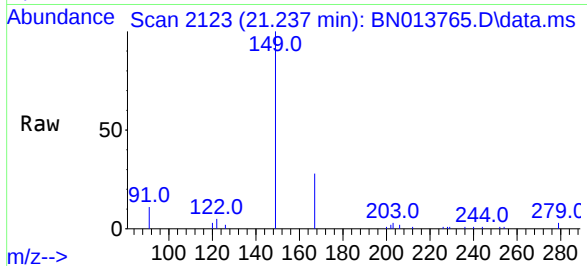


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.30 ng
RT: 21.237 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BN013765.D
Acq: 25 Feb 2021 13:11

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

Tgt Ion:149 Resp: 12490

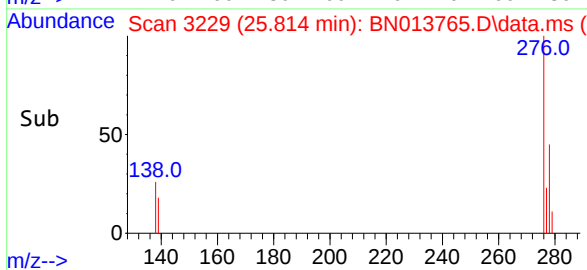
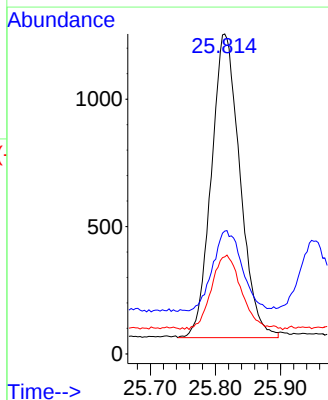
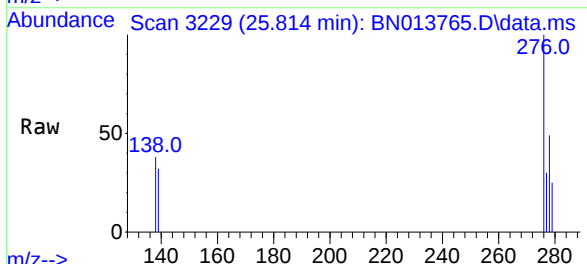
Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.1	33.1
279	4.1	3.5	5.3

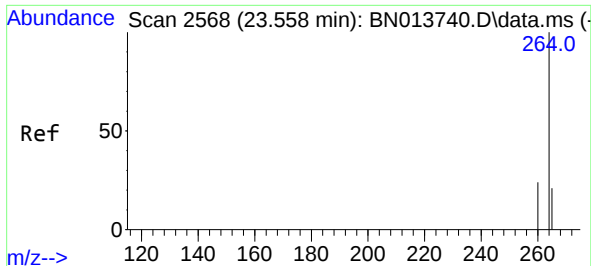


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng
RT: 25.814 min Scan# 3229
Delta R.T. -0.003 min
Lab File: BN013765.D
Acq: 25 Feb 2021 13:11

Tgt Ion:276 Resp: 3642

Ion	Ratio	Lower	Upper
276	100		
138	27.2	19.8	29.6
277	25.2	19.9	29.9

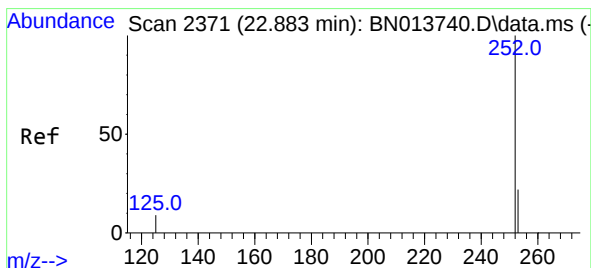
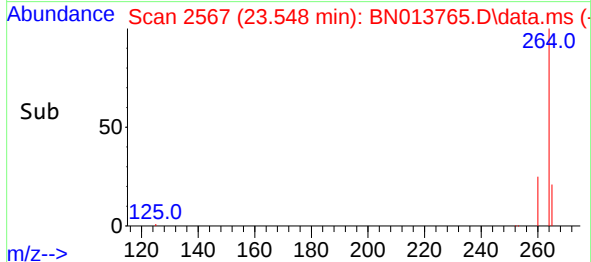
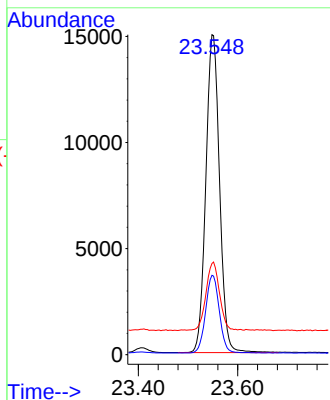
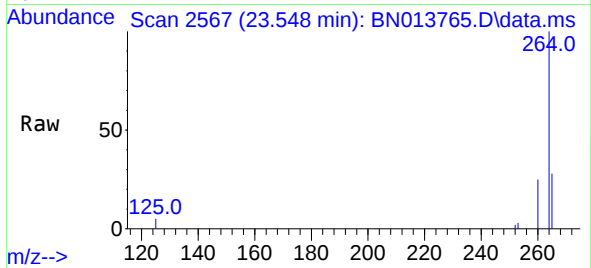




#36
Perylene-d12
Concen: 0.40 ng
RT: 23.548 min Scan# 2567
Delta R.T. -0.003 min
Lab File: BN013765.D
Acq: 25 Feb 2021 13:11

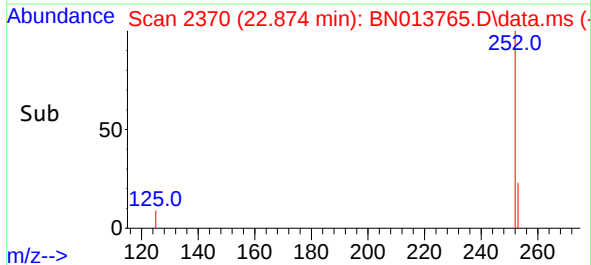
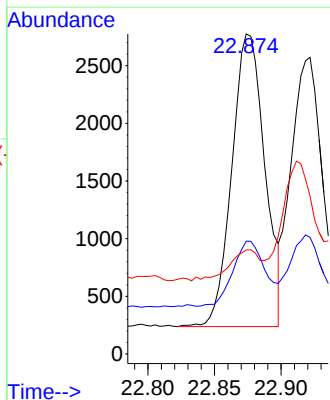
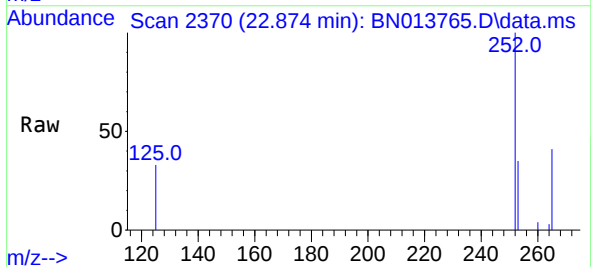
Instrument :
BNA_N
ClientSampleId :
GW803-20-25-022321-FD

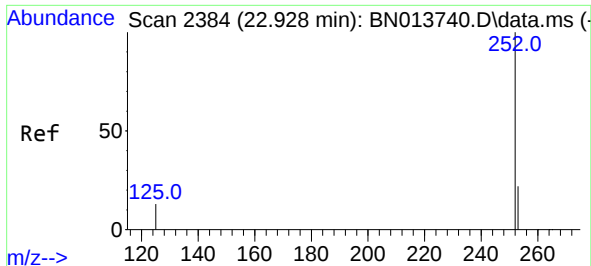
Tgt Ion:264 Resp: 28714
Ion Ratio Lower Upper
264 100
260 24.8 19.3 28.9
265 28.5 66.2 99.4#



#37
Benzo(b)fluoranthene
Concen: 0.05 ng
RT: 22.874 min Scan# 2370
Delta R.T. -0.003 min
Lab File: BN013765.D
Acq: 25 Feb 2021 13:11

Tgt Ion:252 Resp: 4382
Ion Ratio Lower Upper
252 100
253 35.2 20.4 30.6#
125 32.5 11.6 17.4#

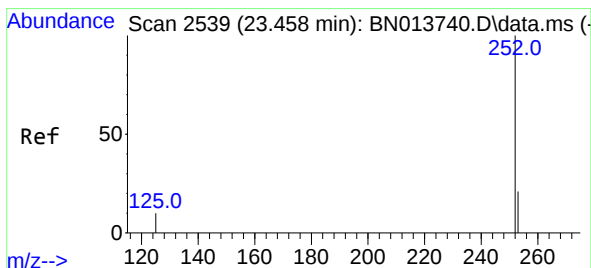
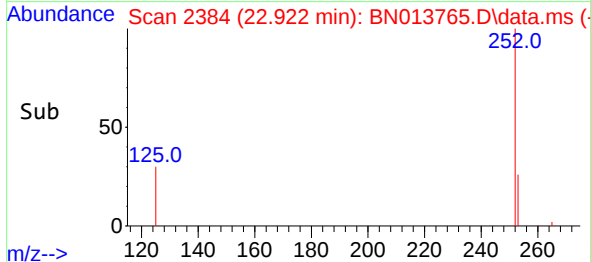
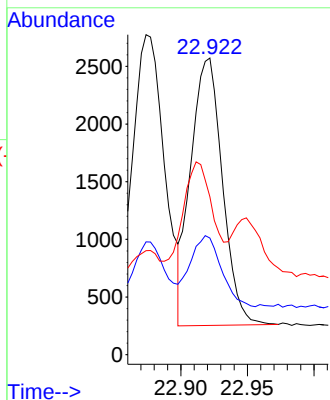
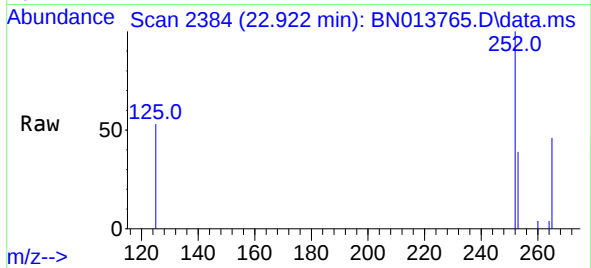




#38
Benzo(k)fluoranthene
Concen: 0.04 ng
RT: 22.922 min Scan# 2384
Delta R.T. 0.000 min
Lab File: BN013765.D
Acq: 25 Feb 2021 13:11

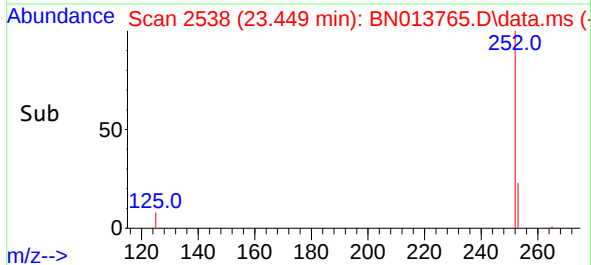
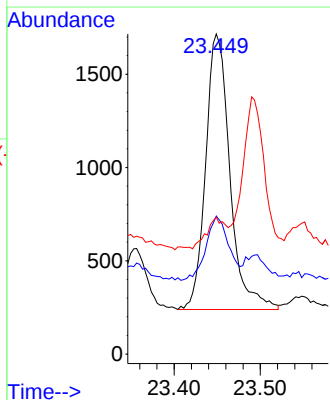
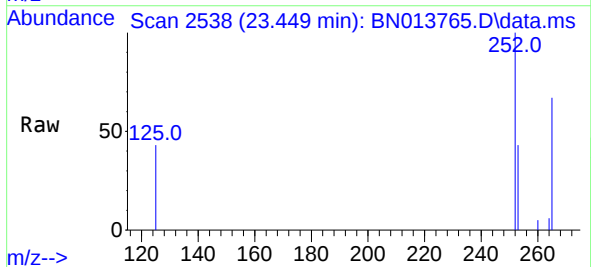
Instrument :
BNA_N
ClientSampleId :
GW803-20-25-022321-FD

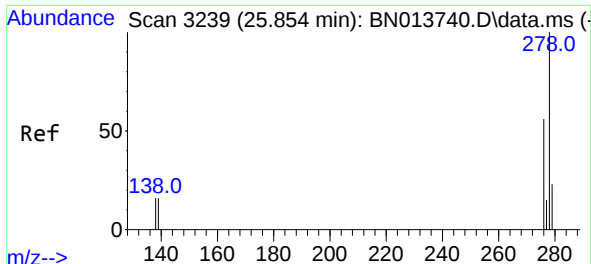
Tgt Ion:252 Resp: 3835
Ion Ratio Lower Upper
252 100
253 39.3 20.5 30.7#
125 53.2 12.3 18.5#



#39
Benzo(a)pyrene
Concen: 0.04 ng
RT: 23.449 min Scan# 2538
Delta R.T. -0.007 min
Lab File: BN013765.D
Acq: 25 Feb 2021 13:11

Tgt Ion:252 Resp: 2893
Ion Ratio Lower Upper
252 100
253 43.1 21.8 32.6#
125 42.8 14.6 21.8#

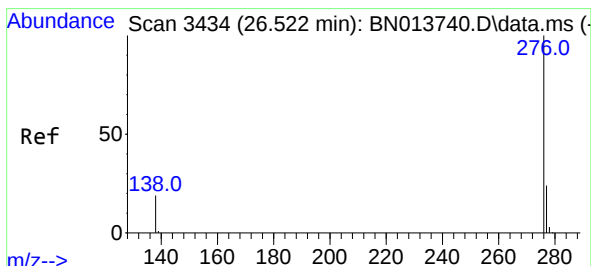
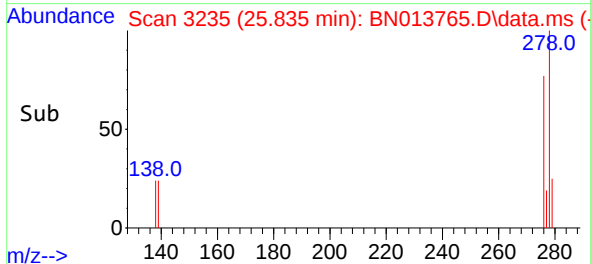
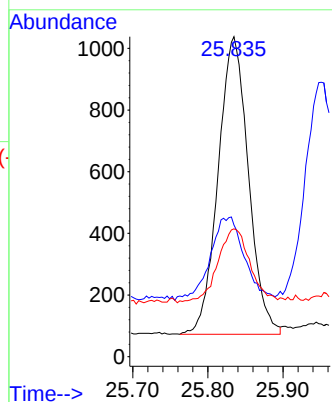
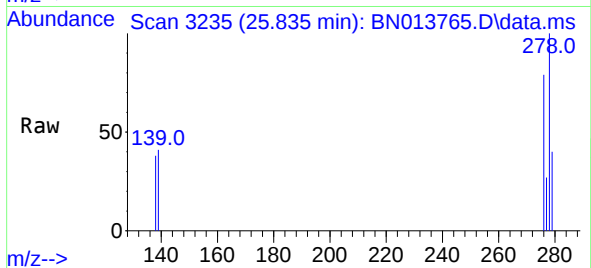




#40
Dibenzo(a,h)anthracene
Concen: 0.03 ng
RT: 25.835 min Scan# 3235
Delta R.T. -0.003 min
Lab File: BN013765.D
Acq: 25 Feb 2021 13:11

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

Tgt Ion:278 Resp: 2702
Ion Ratio Lower Upper
278 100
139 41.1 13.1 19.7#
279 40.0 21.4 32.0#



#41
Benzo(g,h,i)perylene
Concen: 0.04 ng
RT: 26.502 min Scan# 3430
Delta R.T. -0.007 min
Lab File: BN013765.D
Acq: 25 Feb 2021 13:11

Tgt Ion:276 Resp: 3191
Ion Ratio Lower Upper
276 100
277 31.9 20.0 30.0#
138 36.1 17.8 26.8#

