

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032221\
 Data File : BN014018.D
 Acq On : 22 Mar 2021 18:19
 Operator : CG/JU
 Sample : M1755-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR1-219-236-031921

Quant Time: Mar 22 18:52:50 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 19 14:40:09 2021
 Response via : Initial Calibration

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

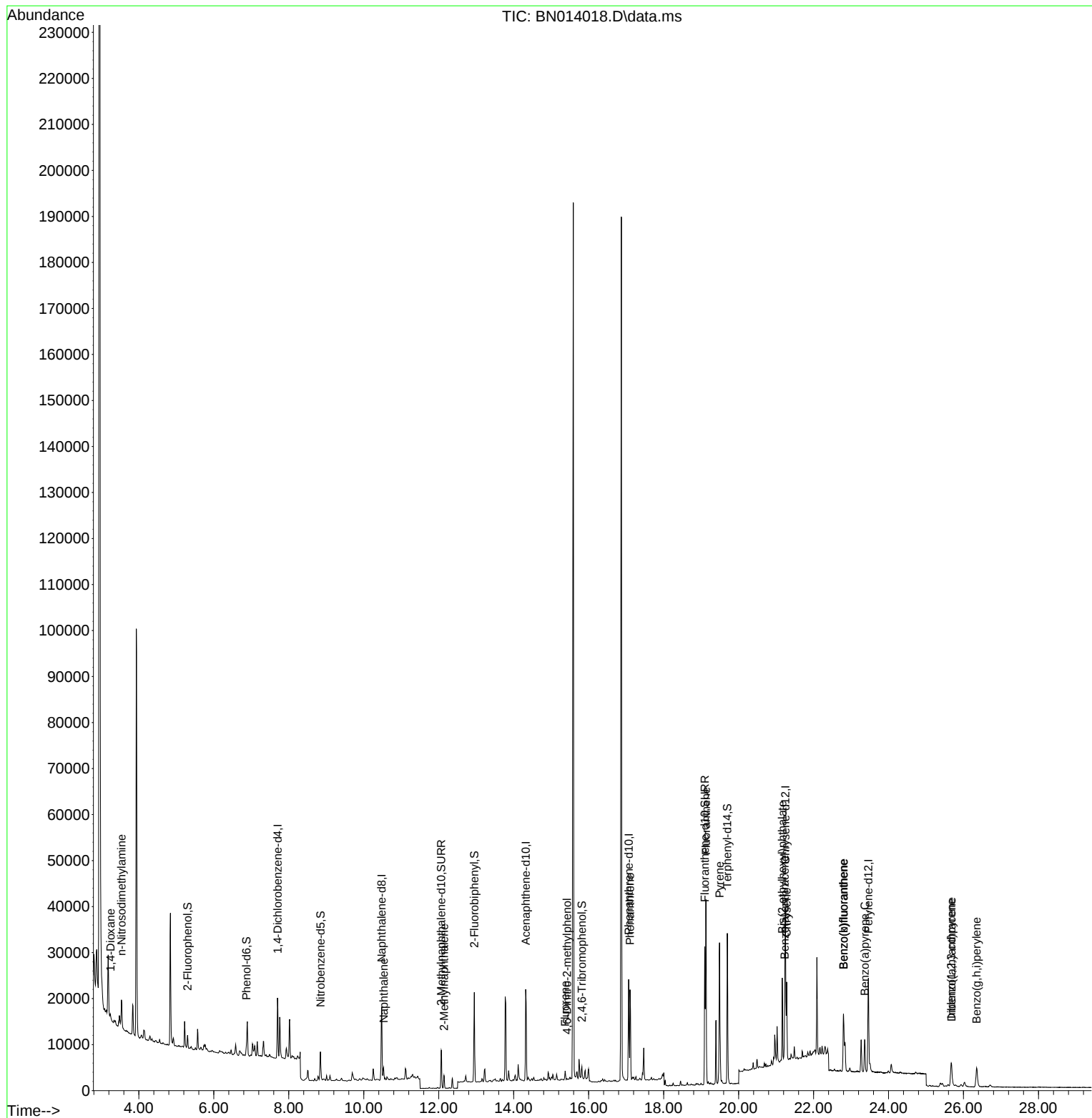
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.700	152	5638	0.40	ng	0.00
7) Naphthalene-d8	10.480	136	21900	0.40	ng	0.00
13) Acenaphthene-d10	14.321	164	12543	0.40	ng	-0.01
19) Phenanthrene-d10	17.068	188	28115	0.40	ng	0.00
29) Chrysene-d12	21.250	240	30372	0.40	ng	# 0.00
36) Perylene-d12	23.462	264	27590	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	2028	0.16	ng	0.00
5) Phenol-d6	6.871	99	1562	0.09	ng	0.00
8) Nitrobenzene-d5	8.845	82	4920	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.066	152	11195	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.818	330	1803	0.44	ng	0.00
15) 2-Fluorobiphenyl	12.951	172	15831	0.34	ng	0.00
27) Fluoranthene-d10	19.099	212	32297	0.41	ng	0.00
31) Terphenyl-d14	19.700	244	28912	0.43	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	677	0.09	ng	# 1
3) n-Nitrosodimethylamine	3.537	42	904	0.18	ng	# 1
9) Naphthalene	10.530	128	3442	0.06	ng	# 94
12) 2-Methylnaphthalene	12.142	142	1927	0.05	ng	97
18) Fluorene	15.374	166	1076	0.02	ng	# 90
20) 4,6-Dinitro-2-methylph...	15.425	198	164	0.05	ng	# 1
25) Phenanthrene	17.104	178	21469	0.28	ng	100
28) Fluoranthene	19.129	202	35555	0.42	ng	# 93
30) Pyrene	19.491	202	27237	0.29	ng	96
32) Benzo(a)anthracene	21.229	228	7626	0.09	ng	93
33) Chrysene	21.282	228	15442	0.17	ng	97
34) Bis(2-ethylhexyl)phtha...	21.165	149	15597	0.48	ng	99
35) Indeno(1,2,3-cd)pyrene	25.673	276	8224	0.08	ng	98
37) Benzo(b)fluoranthene	22.798	252	19730	0.20	ng	# 83
38) Benzo(k)fluoranthene	22.798	252	19730	0.20	ng	# 84
39) Benzo(a)pyrene	23.366	252	9516	0.11	ng	# 76
40) Dibenzo(a,h)anthracene	25.683	278	1861	0.02	ng	# 32
41) Benzo(g,h,i)perylene	26.351	276	8427	0.09	ng	95

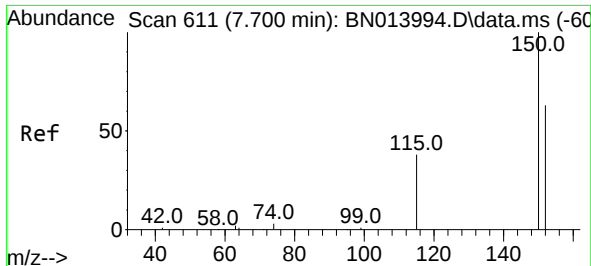
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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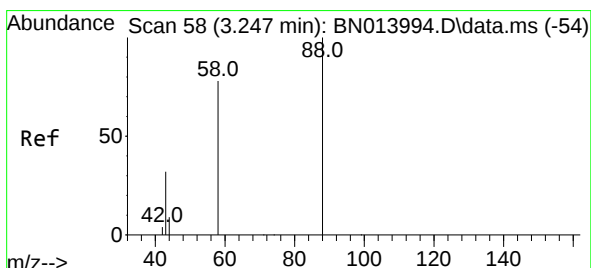
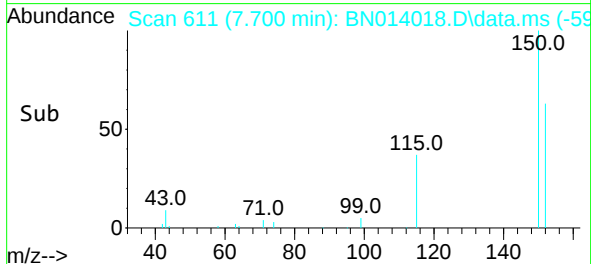
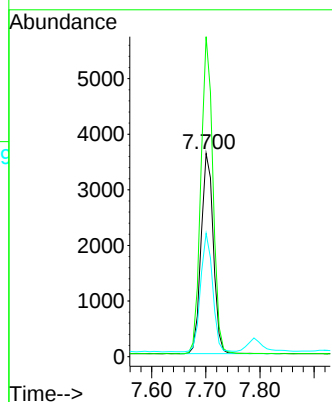
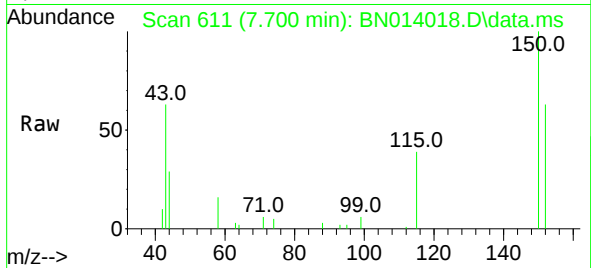




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.700 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: BN014018.D
 Acq: 22 Mar 2021 18:19

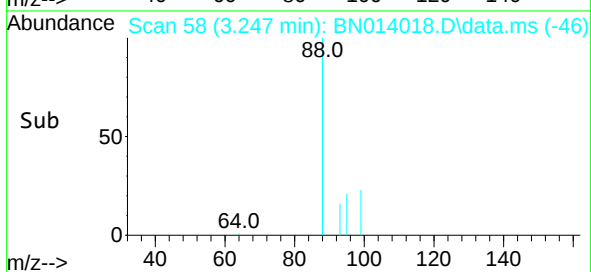
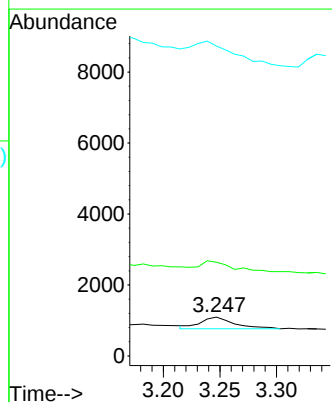
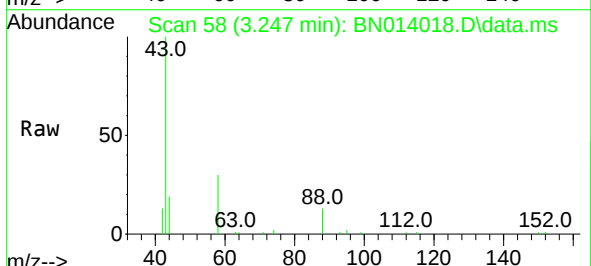
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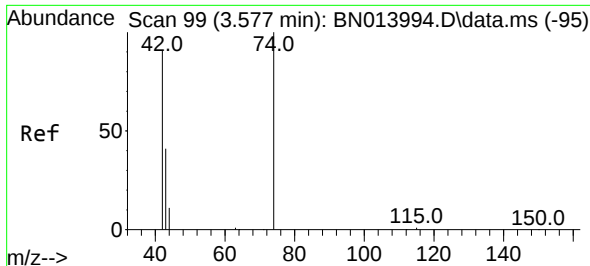
Tgt Ion:152 Resp: 5638
 Ion Ratio Lower Upper
 152 100
 150 157.5 121.8 182.8
 115 60.7 46.6 69.8



#2
 1,4-Dioxane
 Concen: 0.09 ng
 RT: 3.247 min Scan# 58
 Delta R.T. 0.000 min
 Lab File: BN014018.D
 Acq: 22 Mar 2021 18:19

Tgt Ion: 88 Resp: 677
 Ion Ratio Lower Upper
 88 100
 58 82.4 64.6 96.8
 43 284.9 26.6 40.0#

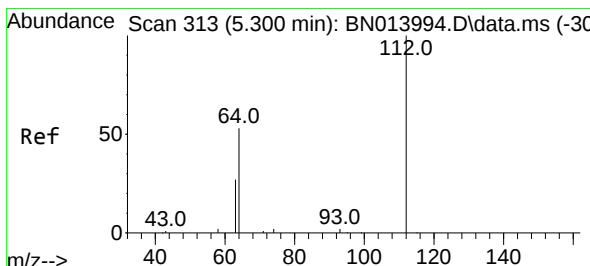
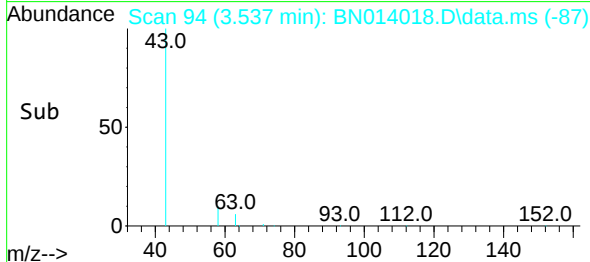
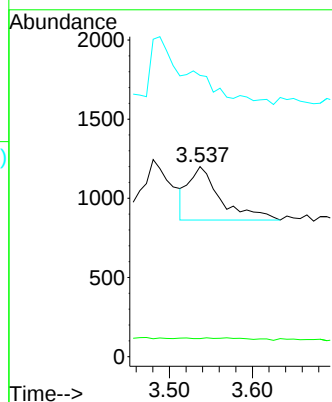
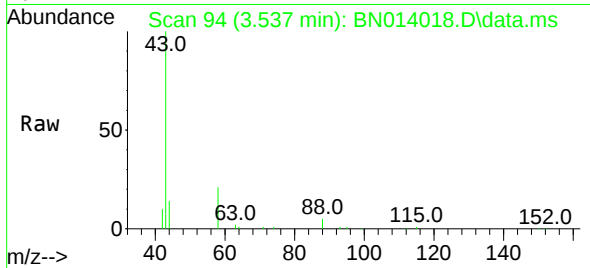




#3
n-Nitrosodimethylamine
Concen: 0.18 ng
RT: 3.537 min Scan# 94
Delta R.T. -0.040 min
Lab File: BN014018.D
Acq: 22 Mar 2021 18:19

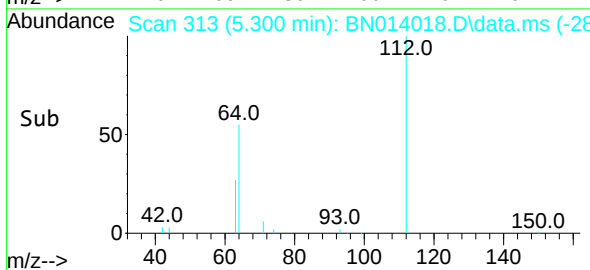
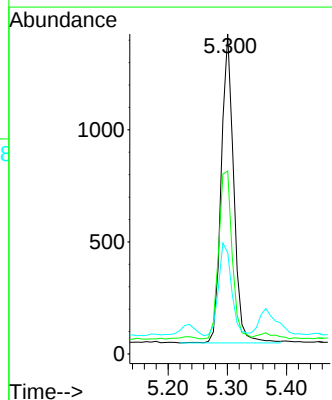
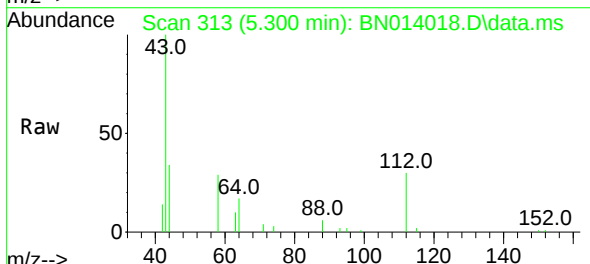
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ClientSampleId :
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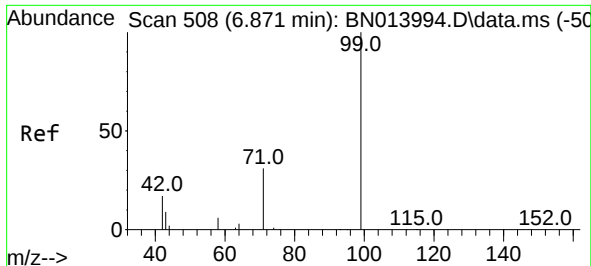
Tgt Ion: 42 Resp: 904
Ion Ratio Lower Upper
42 100
74 0.0 95.0 142.6#
44 0.0 5.8 8.8#



#4
2-Fluorophenol
Concen: 0.16 ng
RT: 5.300 min Scan# 313
Delta R.T. 0.000 min
Lab File: BN014018.D
Acq: 22 Mar 2021 18:19

Tgt Ion: 112 Resp: 2028
Ion Ratio Lower Upper
112 100
64 58.1 44.3 66.5
63 31.1 23.0 34.6

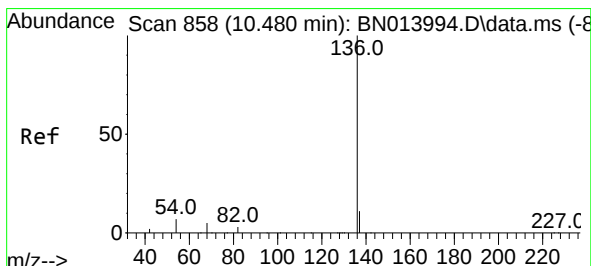
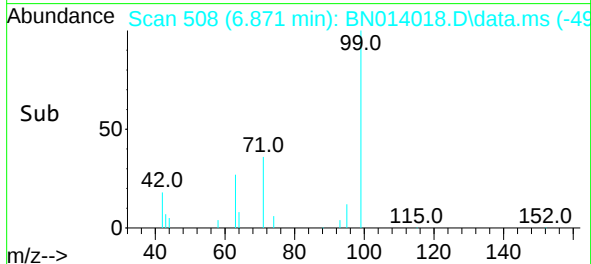
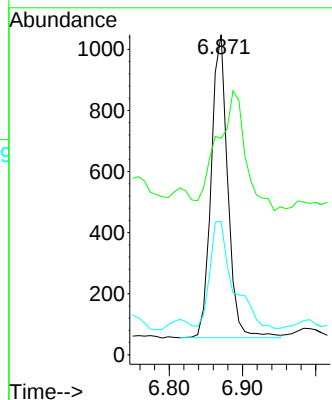
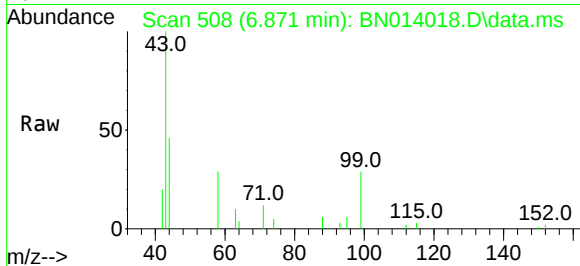




#5
Phenol-d6
Concen: 0.09 ng
RT: 6.871 min Scan# 508
Delta R.T. 0.000 min
Lab File: BN014018.D
Acq: 22 Mar 2021 18:19

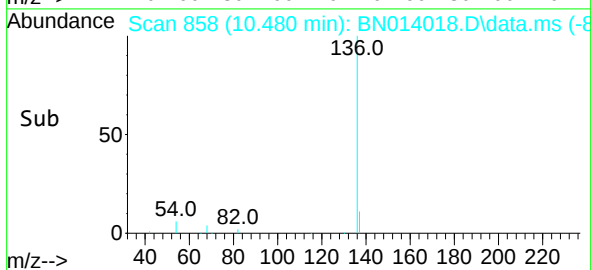
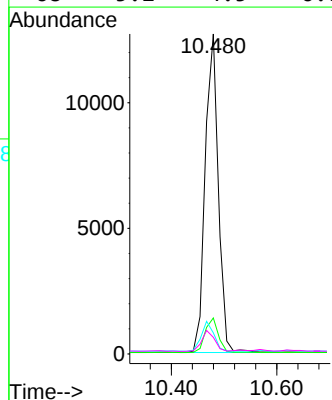
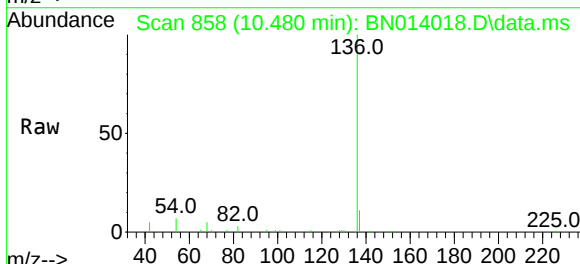
Instrument :
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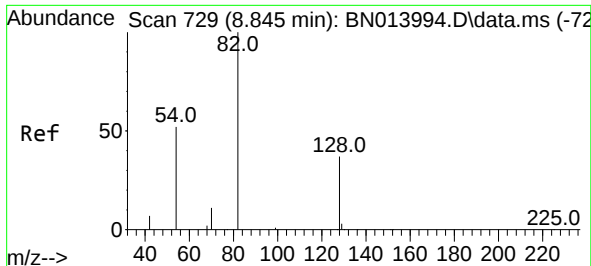
Tgt Ion: 99 Resp: 1562
Ion Ratio Lower Upper
99 100
42 64.4 15.2 22.8#
71 49.1 26.1 39.1#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.480 min Scan# 858
Delta R.T. 0.000 min
Lab File: BN014018.D
Acq: 22 Mar 2021 18:19

Tgt Ion: 136 Resp: 21900
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 6.6 6.4 9.6
68 5.2 4.5 6.7

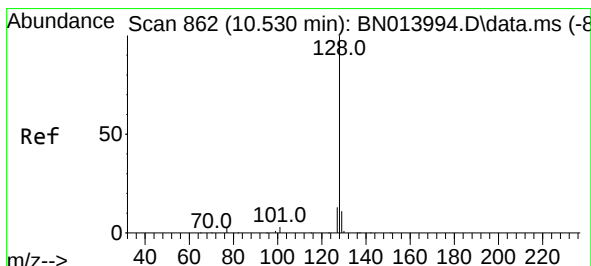
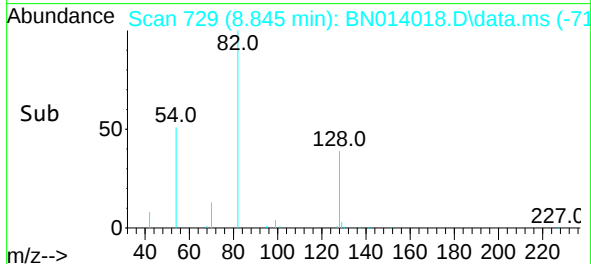
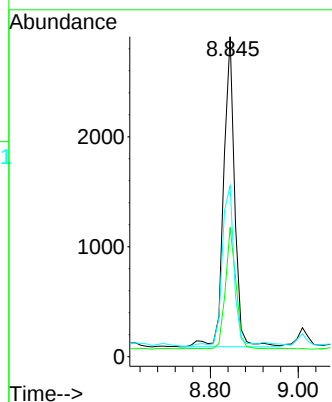
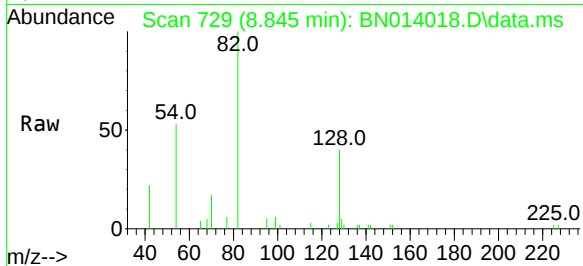




#8
Nitrobenzene-d5
Concen: 0.34 ng
RT: 8.845 min Scan# 729
Delta R.T. 0.000 min
Lab File: BN014018.D
Acq: 22 Mar 2021 18:19

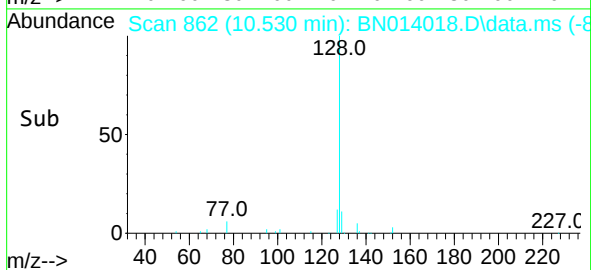
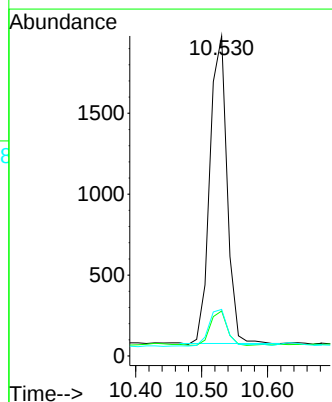
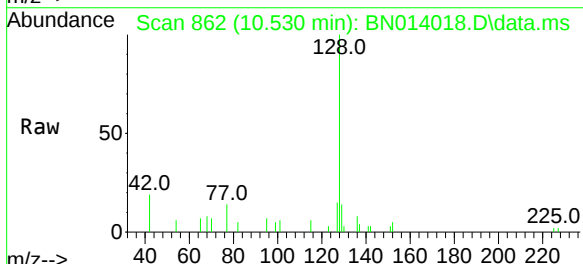
Instrument :
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ClientSampleId :
GWBR1-219-236-031921

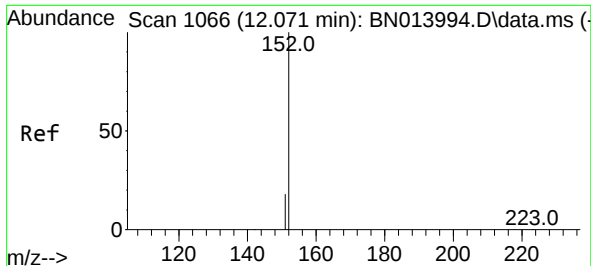
Tgt Ion: 82 Resp: 4920
Ion Ratio Lower Upper
82 100
128 40.4 39.2 58.8
54 53.4 40.1 60.1



#9
Naphthalene
Concen: 0.06 ng
RT: 10.530 min Scan# 862
Delta R.T. 0.000 min
Lab File: BN014018.D
Acq: 22 Mar 2021 18:19

Tgt Ion: 128 Resp: 3442
Ion Ratio Lower Upper
128 100
129 14.1 9.0 13.4#
127 14.6 10.4 15.6

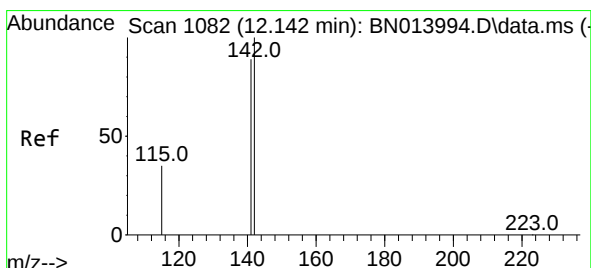
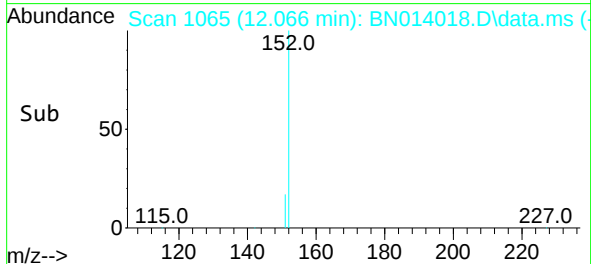
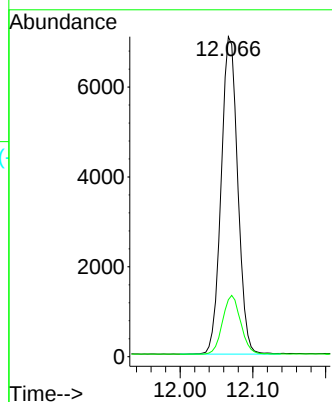
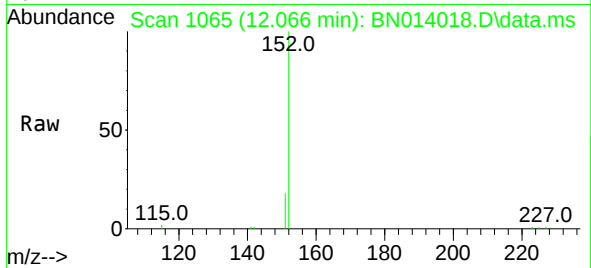




#11
2-Methylnaphthalene-d10
Concen: 0.33 ng
RT: 12.066 min Scan# 1065
Delta R.T. -0.004 min
Lab File: BN014018.D
Acq: 22 Mar 2021 18:19

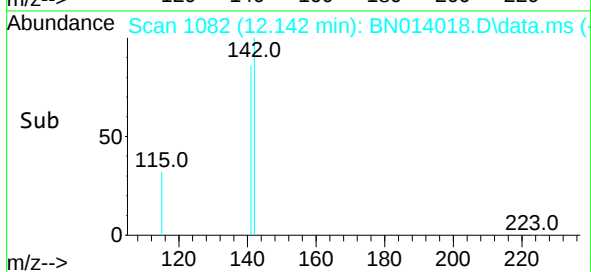
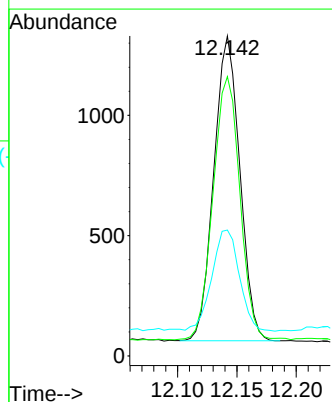
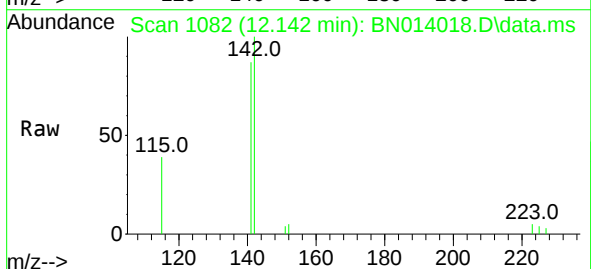
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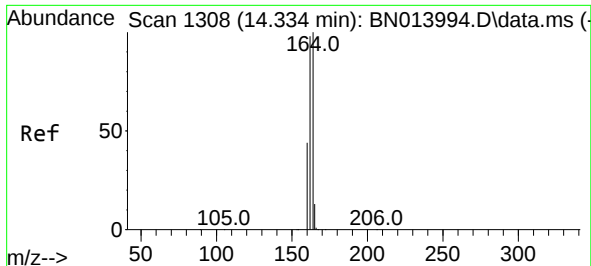
Tgt Ion:152 Resp: 11195
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2



#12
2-Methylnaphthalene
Concen: 0.05 ng
RT: 12.142 min Scan# 1082
Delta R.T. 0.000 min
Lab File: BN014018.D
Acq: 22 Mar 2021 18:19

Tgt Ion:142 Resp: 1927
Ion Ratio Lower Upper
142 100
141 87.3 70.5 105.7
115 39.3 27.4 41.0

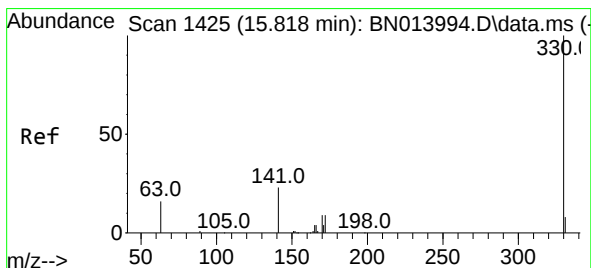
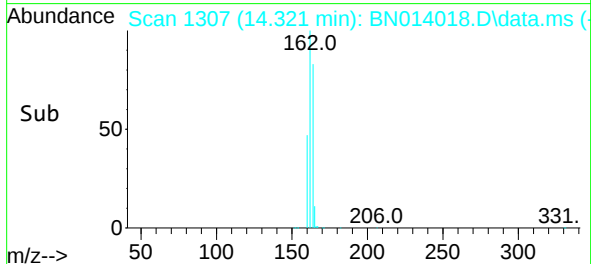
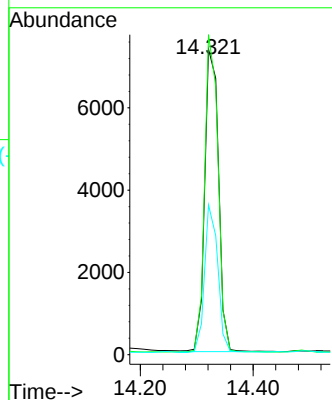
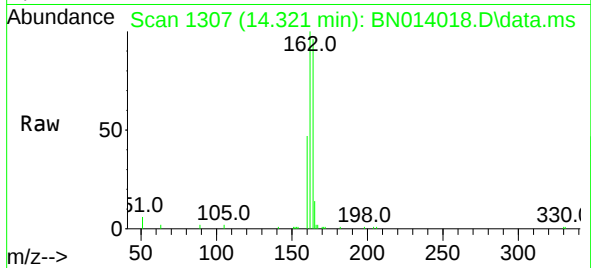




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. -0.013 min
Lab File: BN014018.D
Acq: 22 Mar 2021 18:19

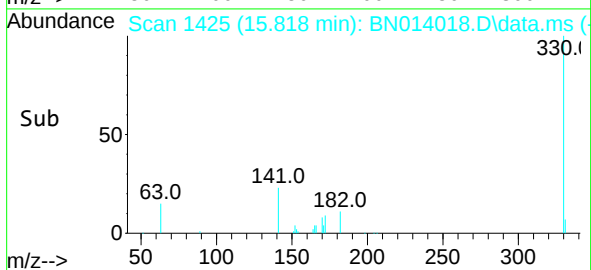
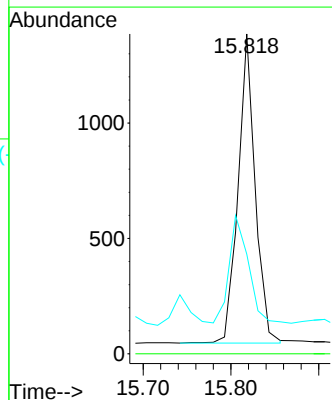
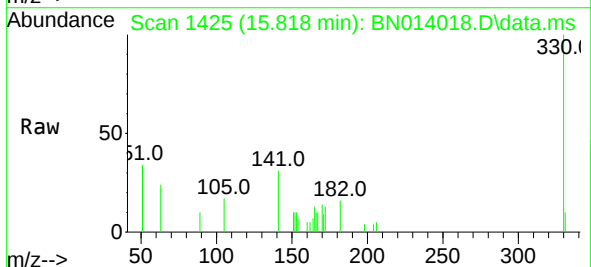
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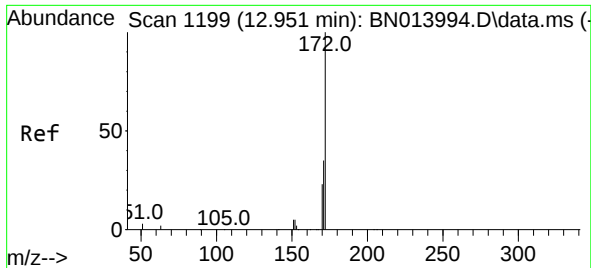
Tgt Ion:164 Resp: 12543
Ion Ratio Lower Upper
164 100
162 104.7 79.6 119.4
160 49.0 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.44 ng
RT: 15.818 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BN014018.D
Acq: 22 Mar 2021 18:19

Tgt Ion:330 Resp: 1803
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.0 26.8 40.2

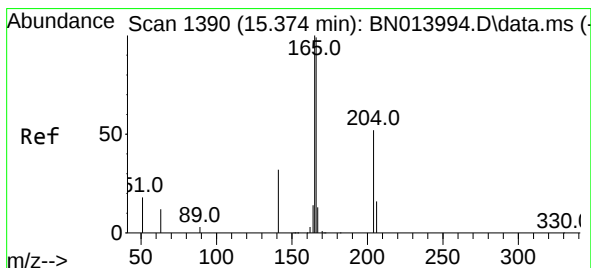
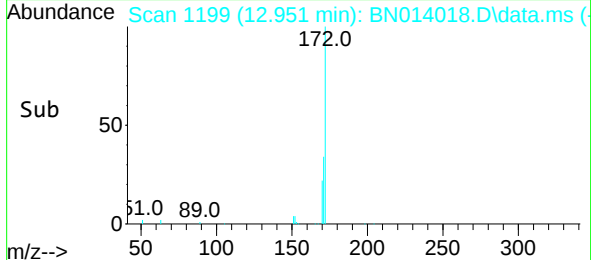
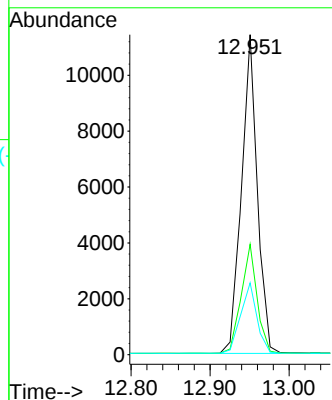
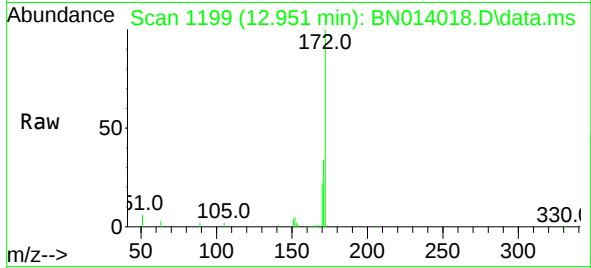




#15
2-Fluorobiphenyl
Concen: 0.34 ng
RT: 12.951 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BN014018.D
Acq: 22 Mar 2021 18:19

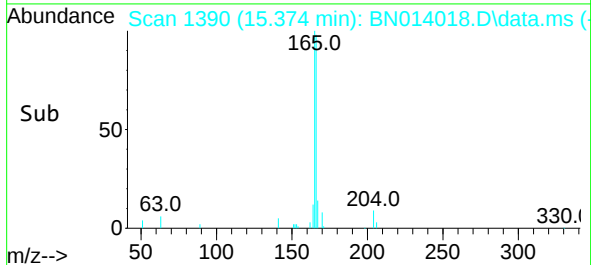
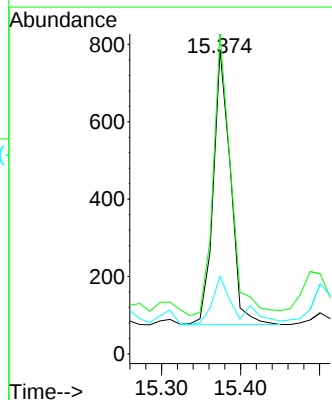
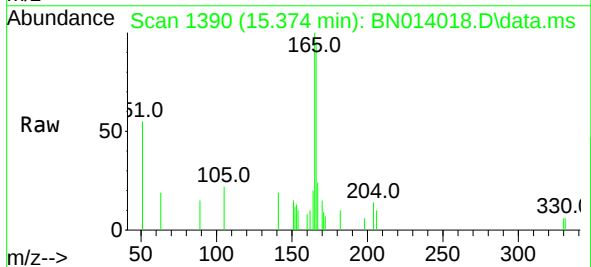
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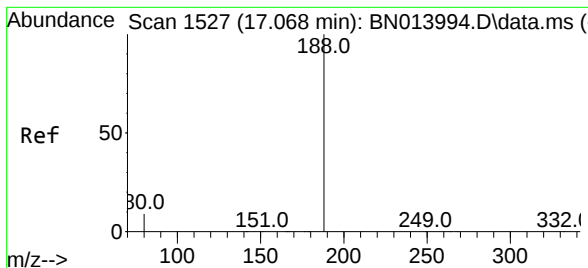
Tgt Ion:	172	Resp:	15831
Ion Ratio	Lower	Upper	
172	100		
171	34.5	28.6	42.8
170	22.4	18.9	28.3



#18
Fluorene
Concen: 0.02 ng
RT: 15.374 min Scan# 1390
Delta R.T. 0.000 min
Lab File: BN014018.D
Acq: 22 Mar 2021 18:19

Tgt Ion:	166	Resp:	1076
Ion Ratio	Lower	Upper	
166	100		
165	105.0	77.8	116.8
167	24.3	10.6	16.0#

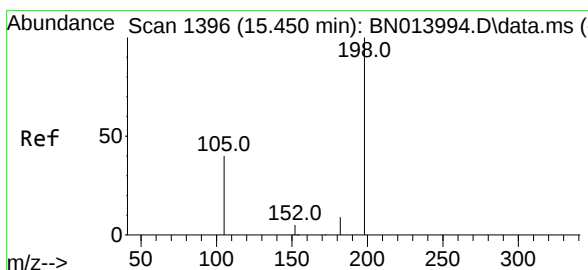
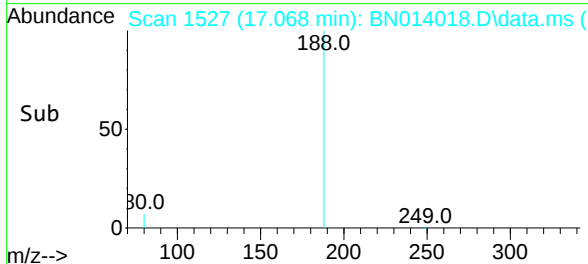
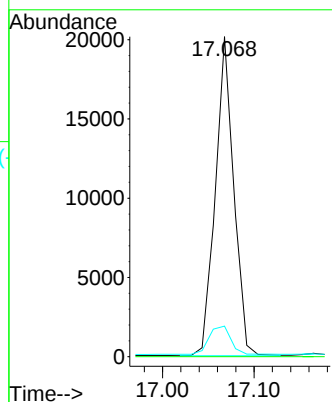
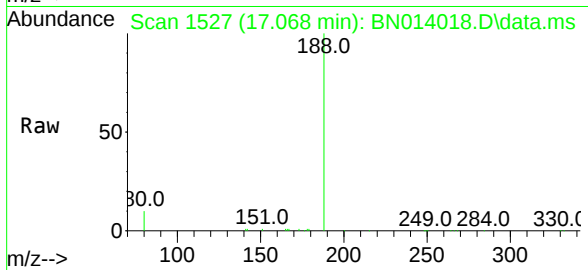




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.068 min Scan# 1527
Delta R.T. 0.000 min
Lab File: BN014018.D
Acq: 22 Mar 2021 18:19

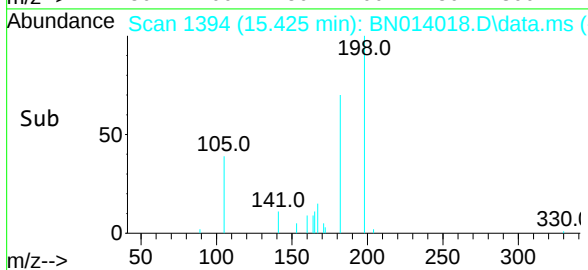
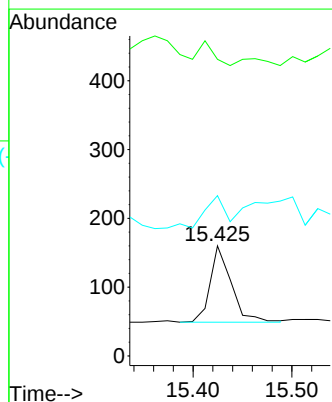
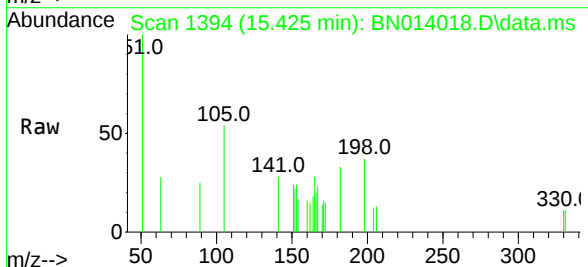
Instrument :
BNA_N
ClientSampleId :
GWBR1-219-236-031921

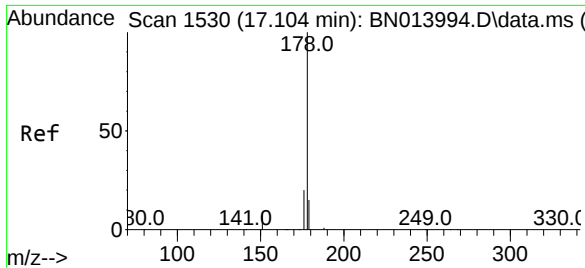
Tgt Ion:188	Resp:	28115
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	9.5	13.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.05 ng
RT: 15.425 min Scan# 1394
Delta R.T. -0.025 min
Lab File: BN014018.D
Acq: 22 Mar 2021 18:19

Tgt Ion:198	Resp:	164
Ion Ratio	Lower	Upper
198	100	
51	269.4	61.7
105	145.6	33.0

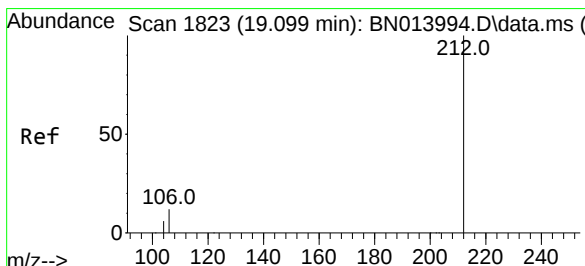
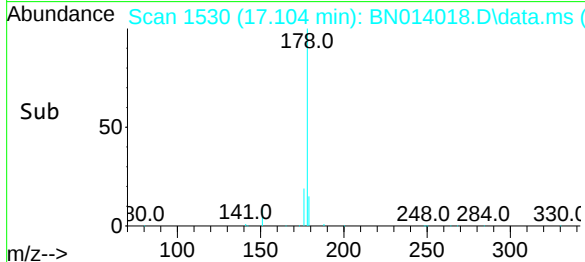
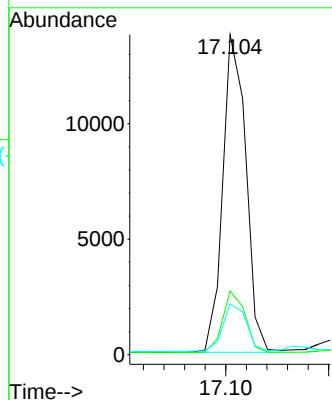
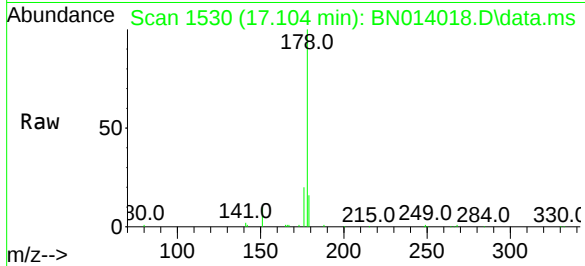




#25
Phenanthrene
Concen: 0.28 ng
RT: 17.104 min Scan# 1530
Delta R.T. 0.000 min
Lab File: BN014018.D
Acq: 22 Mar 2021 18:19

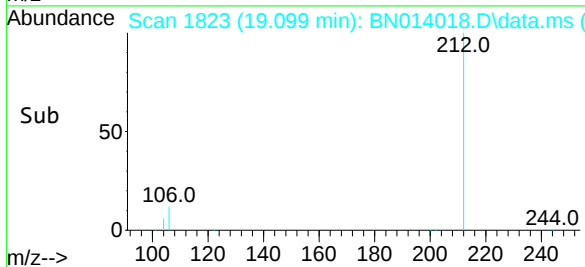
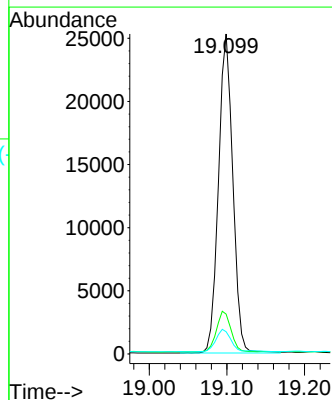
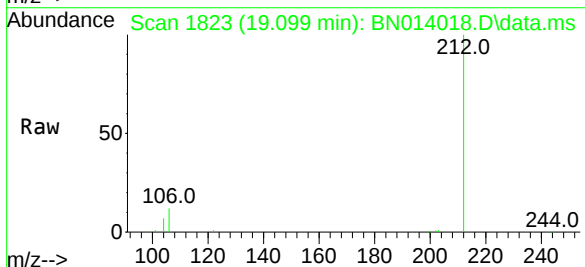
Instrument :
BNA_N
ClientSampleId :
GWBR1-219-236-031921

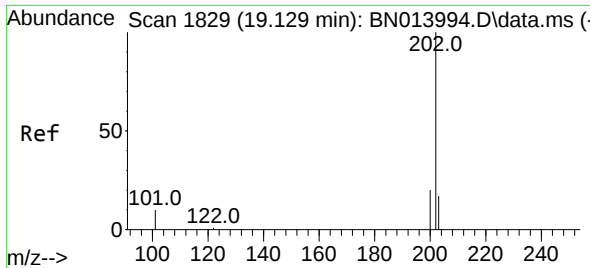
Tgt Ion:178	Resp:	21469
Ion Ratio	Lower	Upper
178	100	
176	18.9	15.0 22.4
179	15.6	12.3 18.5



#27
Fluoranthene-d10
Concen: 0.41 ng
RT: 19.099 min Scan# 1823
Delta R.T. 0.000 min
Lab File: BN014018.D
Acq: 22 Mar 2021 18:19

Tgt Ion:212	Resp:	32297
Ion Ratio	Lower	Upper
212	100	
106	12.7	9.7 14.5
104	7.1	5.5 8.3

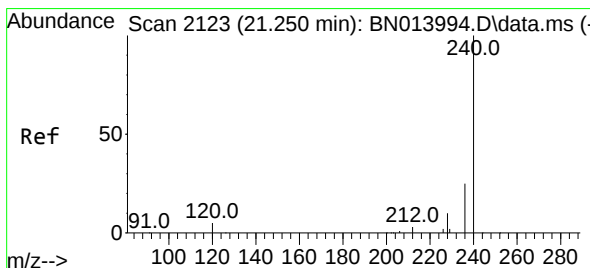
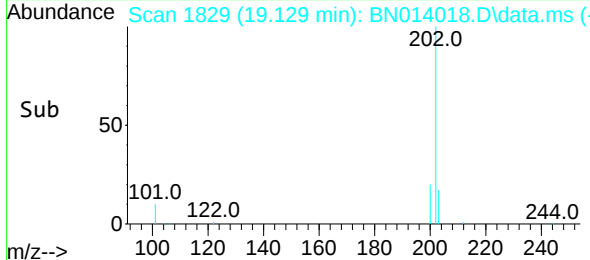
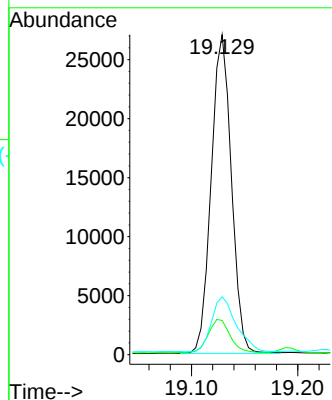
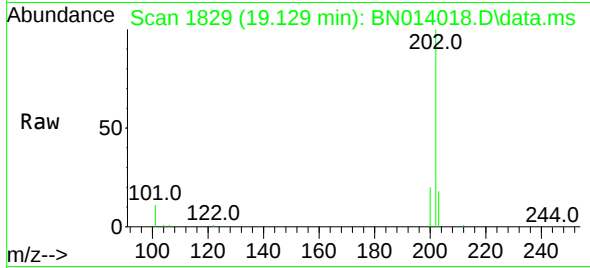




#28
Fluoranthene
Concen: 0.42 ng
RT: 19.129 min Scan# 1829
Delta R.T. 0.000 min
Lab File: BN014018.D
Acq: 22 Mar 2021 18:19

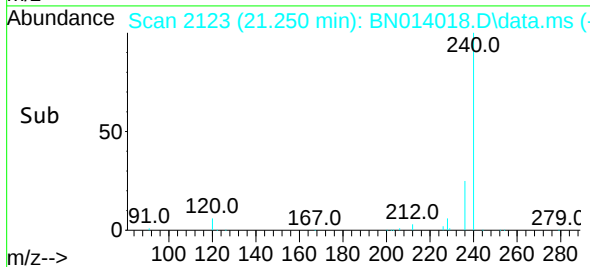
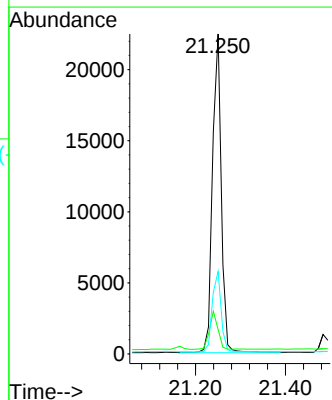
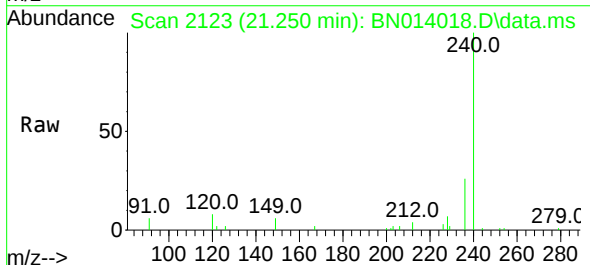
Instrument :
BNA_N
ClientSampleId :
GWBR1-219-236-031921

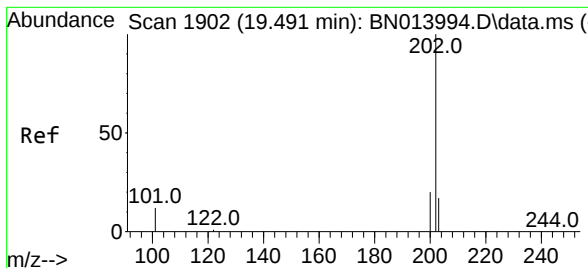
Tgt Ion:202 Resp: 35555
Ion Ratio Lower Upper
202 100
101 11.6 8.1 12.1
203 21.0 13.9 20.9#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.250 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BN014018.D
Acq: 22 Mar 2021 18:19

Tgt Ion:240 Resp: 30372
Ion Ratio Lower Upper
240 100
120 7.7 10.2 15.4#
236 25.8 21.3 31.9

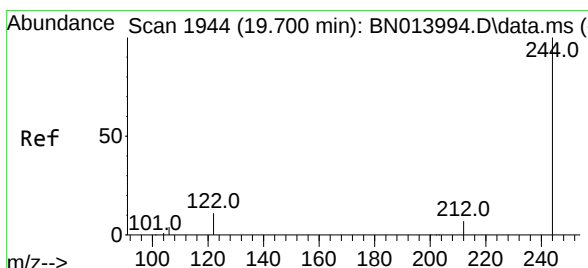
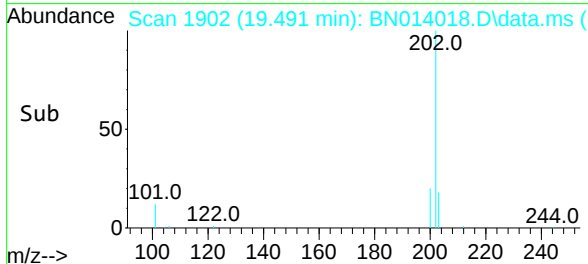
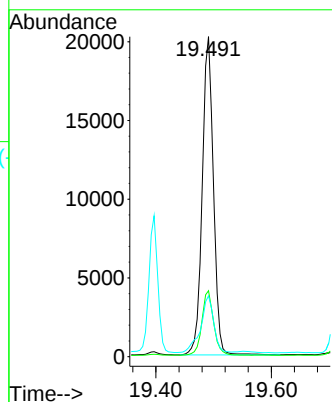
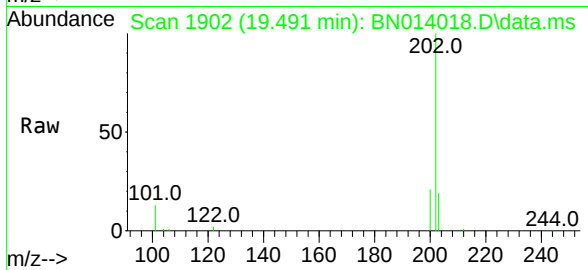




#30
Pyrene
Concen: 0.29 ng
RT: 19.491 min Scan# 1902
Delta R.T. 0.000 min
Lab File: BN014018.D
Acq: 22 Mar 2021 18:19

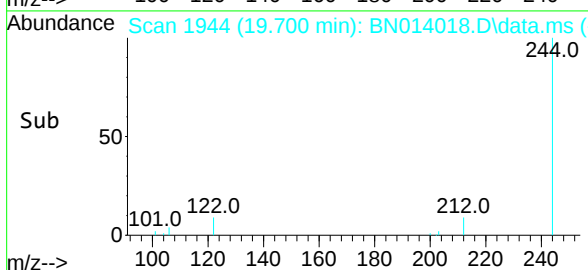
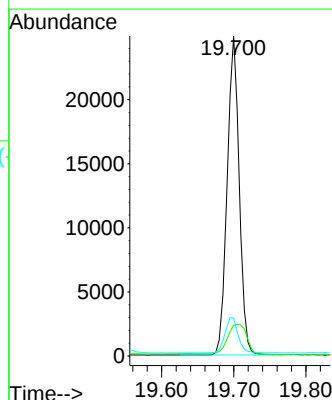
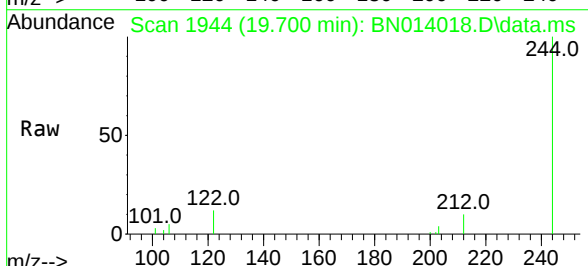
Instrument :
BNA_N
ClientSampleId :
GWBR1-219-236-031921

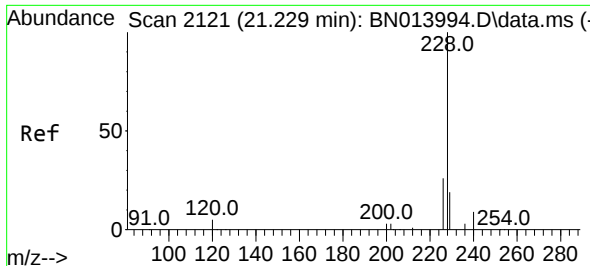
Tgt Ion:202 Resp: 27237
Ion Ratio Lower Upper
202 100
200 21.2 16.3 24.5
203 20.6 14.0 21.0



#31
Terphenyl-d14
Concen: 0.43 ng
RT: 19.700 min Scan# 1944
Delta R.T. 0.000 min
Lab File: BN014018.D
Acq: 22 Mar 2021 18:19

Tgt Ion:244 Resp: 28912
Ion Ratio Lower Upper
244 100
212 9.6 6.1 9.1#
122 11.9 9.8 14.8

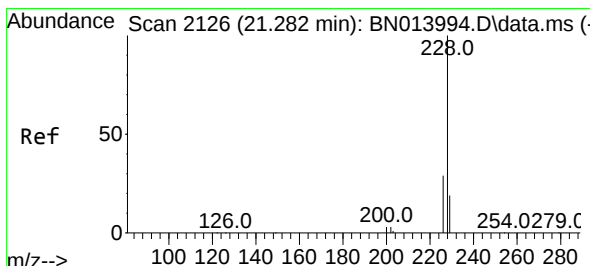
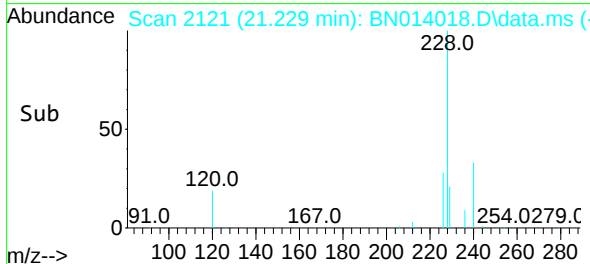
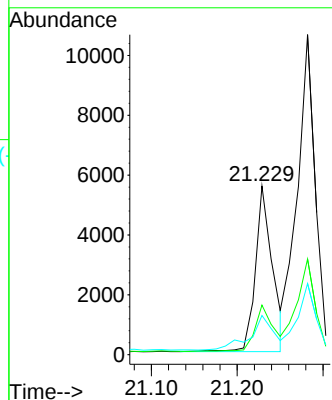
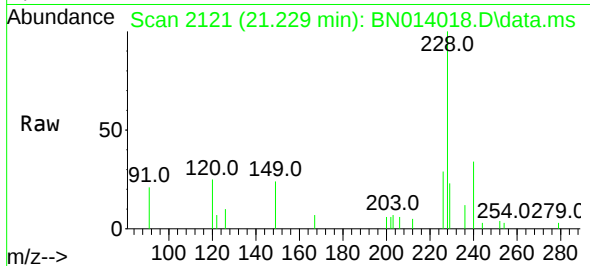




#32
Benzo(a)anthracene
Concen: 0.09 ng
RT: 21.229 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BN014018.D
Acq: 22 Mar 2021 18:19

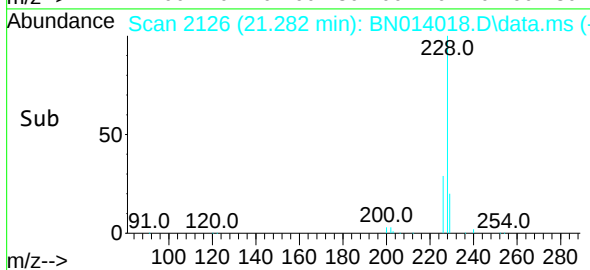
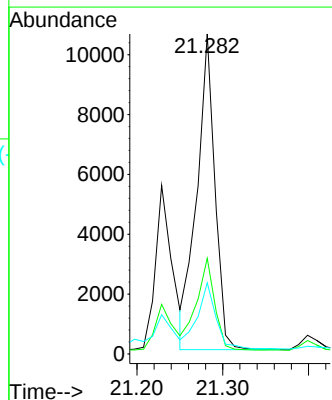
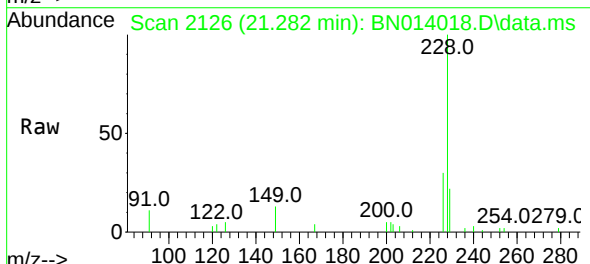
Instrument :
BNA_N
ClientSampleId :
GWBR1-219-236-031921

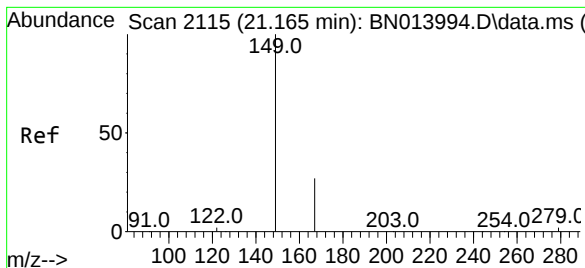
Tgt Ion:	228	Resp:	7626
Ion Ratio	Lower	Upper	
228	100		
226	29.5	20.5	30.7
229	23.3	16.2	24.4



#33
Chrysene
Concen: 0.17 ng
RT: 21.282 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BN014018.D
Acq: 22 Mar 2021 18:19

Tgt Ion:	228	Resp:	15442
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.3	36.5
229	22.2	15.1	22.7

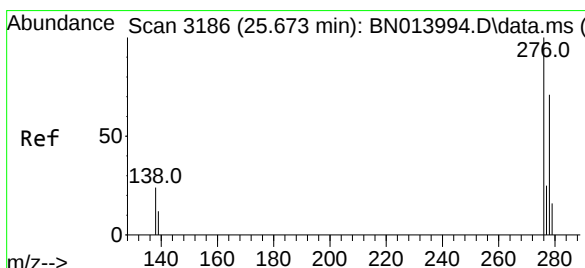
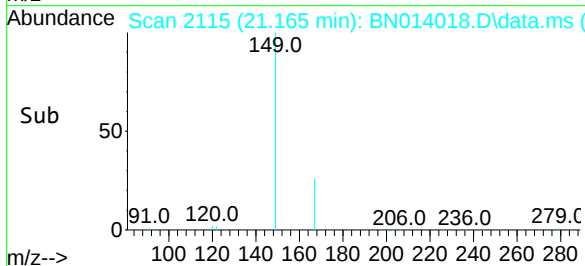
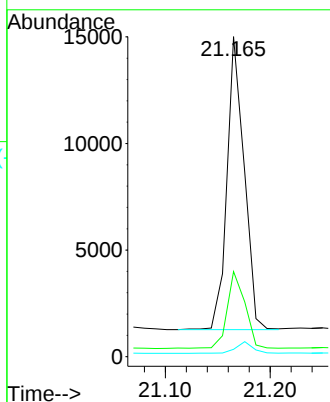
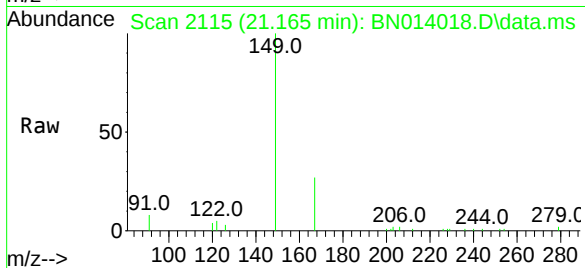




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.48 ng
 RT: 21.165 min Scan# 2115
 Delta R.T. 0.000 min
 Lab File: BN014018.D
 Acq: 22 Mar 2021 18:19

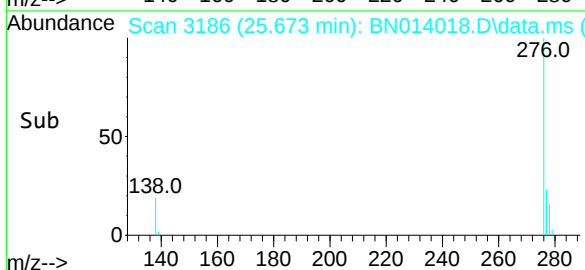
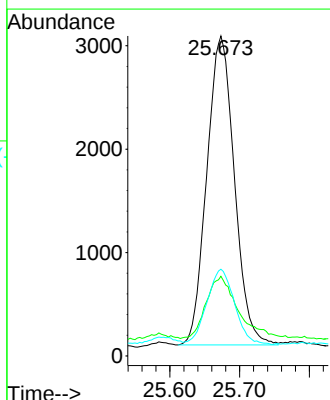
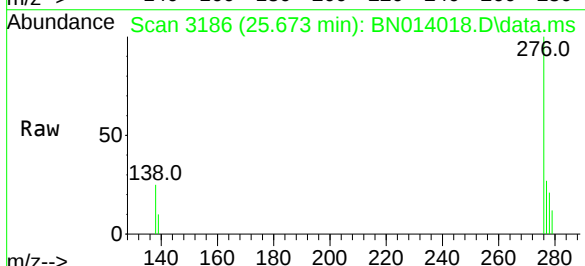
Instrument :
 BNA_N
 ClientSampleId :
 GWBR1-219-236-031921

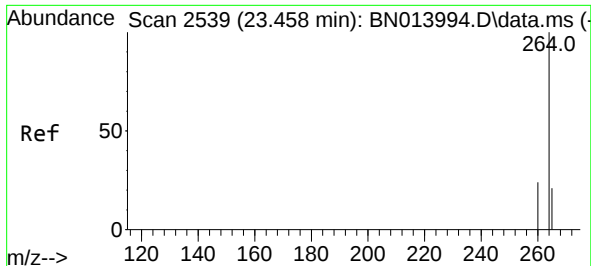
Tgt Ion:149 Resp: 15597
 Ion Ratio Lower Upper
 149 100
 167 27.4 22.1 33.1
 279 4.0 3.5 5.3



#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.08 ng
 RT: 25.673 min Scan# 3186
 Delta R.T. 0.000 min
 Lab File: BN014018.D
 Acq: 22 Mar 2021 18:19

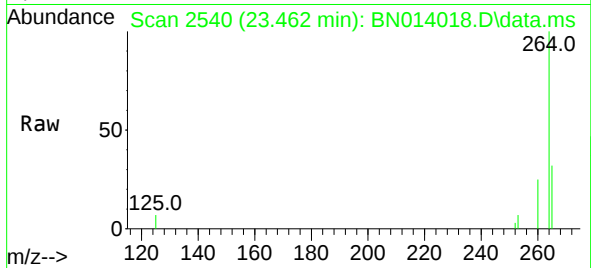
Tgt Ion:276 Resp: 8224
 Ion Ratio Lower Upper
 276 100
 138 23.2 19.8 29.6
 277 24.4 19.9 29.9



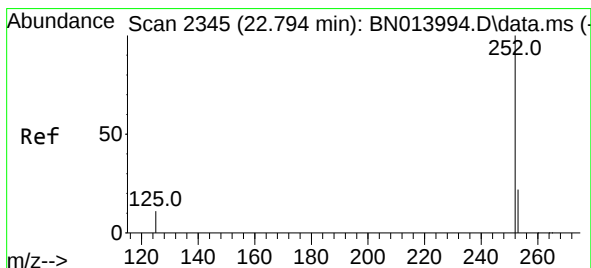
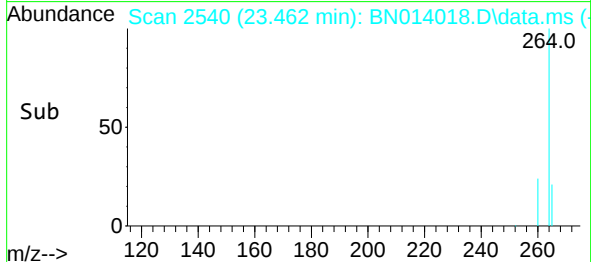
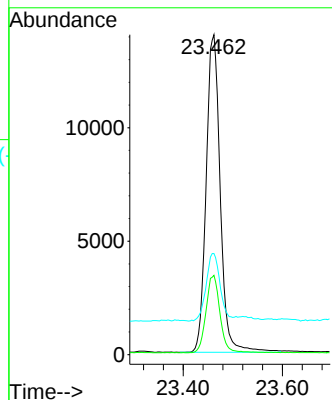


#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.462 min Scan# 2540
 Delta R.T. 0.003 min
 Lab File: BN014018.D
 Acq: 22 Mar 2021 18:19

Instrument :
 BNA_N
 ClientSampleId :
 GWBR1-219-236-031921

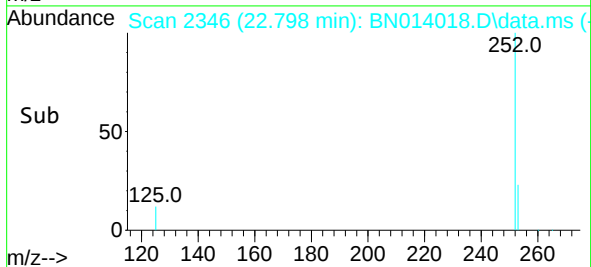
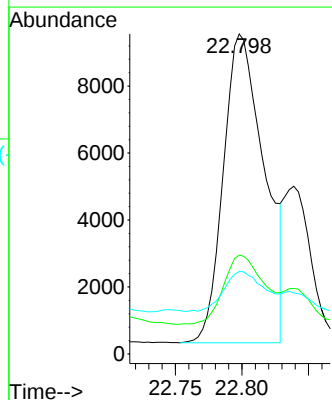
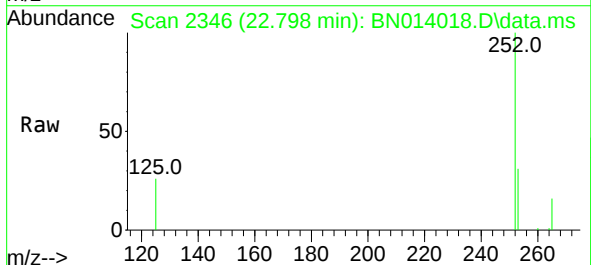


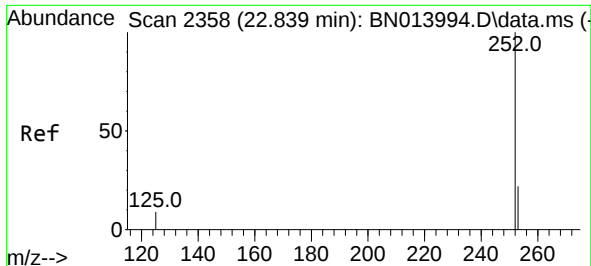
Tgt Ion:264 Resp: 27590
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.3 28.9
 265 31.6 66.2 99.4#



#37
 Benzo(b)fluoranthene
 Concen: 0.20 ng
 RT: 22.798 min Scan# 2346
 Delta R.T. 0.003 min
 Lab File: BN014018.D
 Acq: 22 Mar 2021 18:19

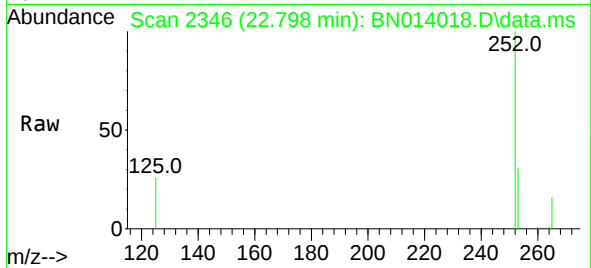
Tgt Ion:252 Resp: 19730
 Ion Ratio Lower Upper
 252 100
 253 30.9 20.4 30.6#
 125 25.8 11.6 17.4#



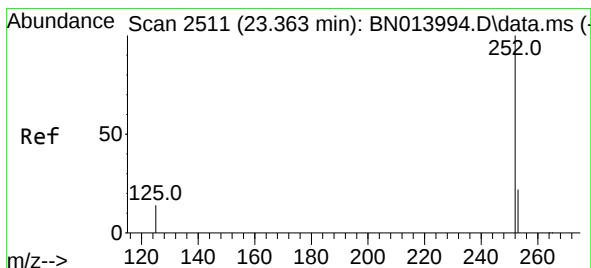
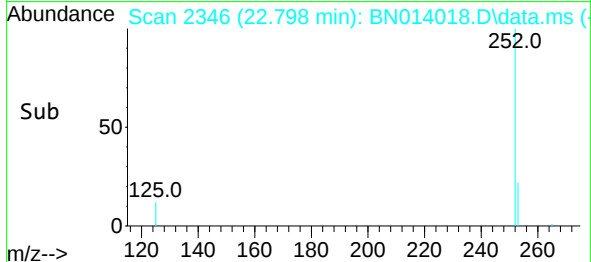
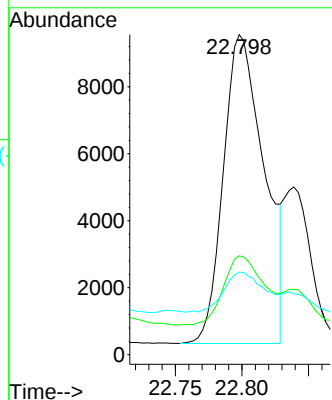


#38
Benzo(k)fluoranthene
Concen: 0.20 ng
RT: 22.798 min Scan# 2346
Delta R.T. -0.041 min
Lab File: BN014018.D
Acq: 22 Mar 2021 18:19

Instrument :
BNA_N
ClientSampleId :
GWBR1-219-236-031921

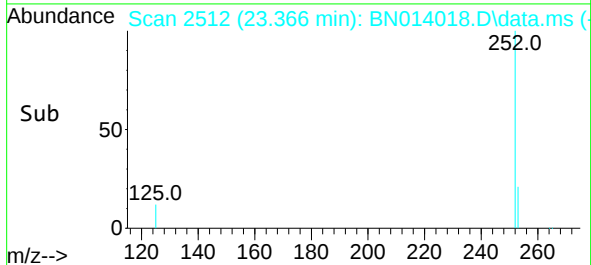
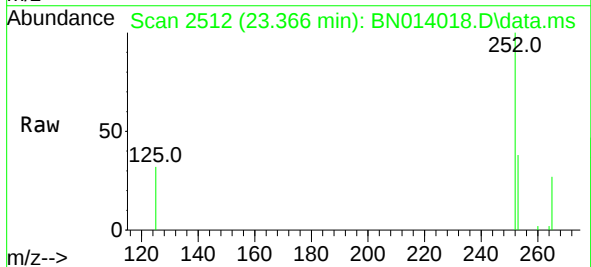
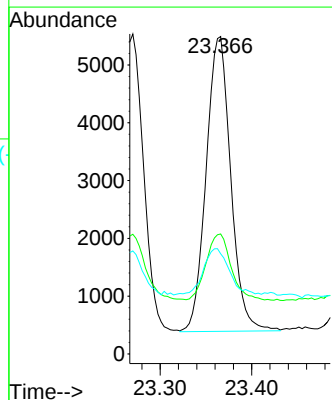


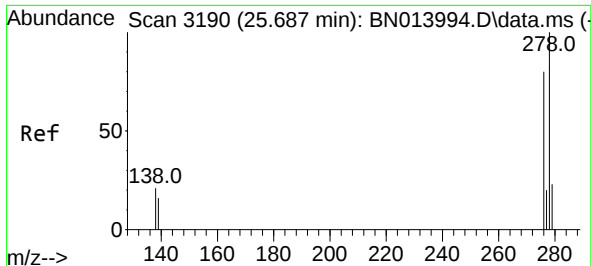
Tgt Ion:252 Resp: 19730
Ion Ratio Lower Upper
252 100
253 30.9 20.5 30.7#
125 25.8 12.3 18.5#



#39
Benzo(a)pyrene
Concen: 0.11 ng
RT: 23.366 min Scan# 2512
Delta R.T. 0.003 min
Lab File: BN014018.D
Acq: 22 Mar 2021 18:19

Tgt Ion:252 Resp: 9516
Ion Ratio Lower Upper
252 100
253 37.8 21.8 32.6#
125 31.6 14.6 21.8#

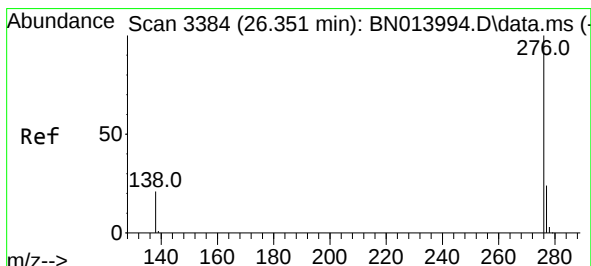
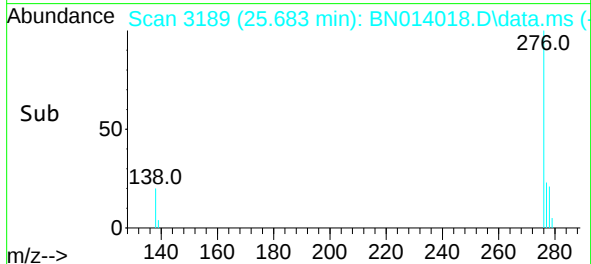
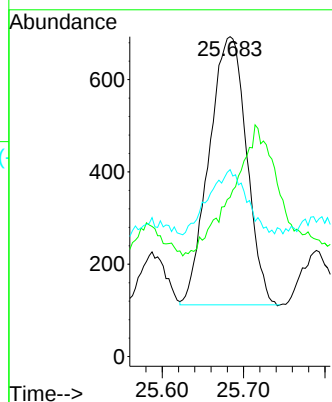
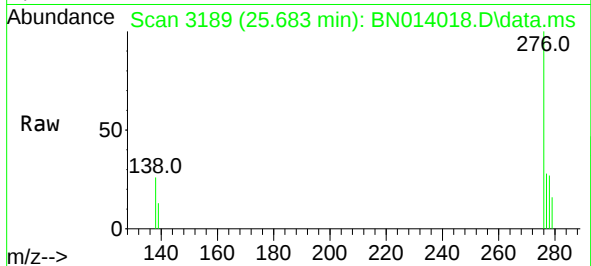




#40
Dibenzo(a,h)anthracene
Concen: 0.02 ng
RT: 25.683 min Scan# 3189
Delta R.T. -0.003 min
Lab File: BN014018.D
Acq: 22 Mar 2021 18:19

Instrument :
BNA_N
ClientSampleId :
GWBR1-219-236-031921

Tgt Ion:278 Resp: 1861
Ion Ratio Lower Upper
278 100
139 49.8 13.1 19.7#
279 58.4 21.4 32.0#



#41
Benzo(g,h,i)perylene
Concen: 0.09 ng
RT: 26.351 min Scan# 3384
Delta R.T. 0.000 min
Lab File: BN014018.D
Acq: 22 Mar 2021 18:19

Tgt Ion:276 Resp: 8427
Ion Ratio Lower Upper
276 100
277 27.1 20.0 30.0
138 25.6 17.8 26.8

