

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032221\
 Data File : BN014020.D
 Acq On : 22 Mar 2021 19:30
 Operator : CG/JU
 Sample : M1755-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR1-240-250-031921

Quant Time: Mar 23 00:20:55 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)

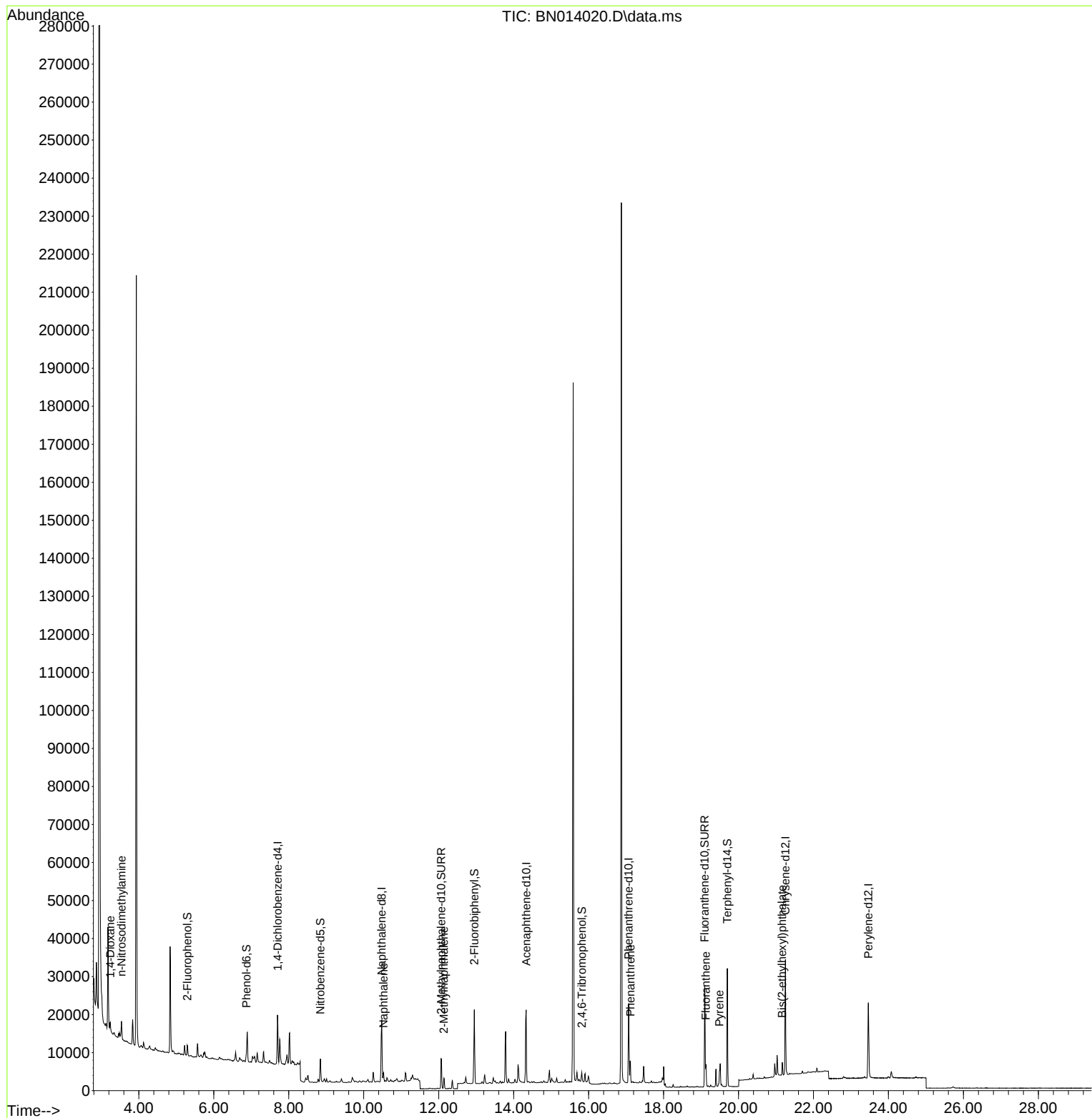
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.700	152	5573	0.40	ng	0.00
7) Naphthalene-d8	10.480	136	21614	0.40	ng	0.00
13) Acenaphthene-d10	14.333	164	12225	0.40	ng	0.00
19) Phenanthrene-d10	17.067	188	26620	0.40	ng	0.00
29) Chrysene-d12	21.250	240	27261	0.40	ng	# 0.00
36) Perylene-d12	23.465	264	25941	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.292	112	1990	0.16	ng	0.00
5) Phenol-d6	6.871	99	1489	0.09	ng	0.00
8) Nitrobenzene-d5	8.845	82	4727	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.066	152	10841	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.818	330	1780	0.45	ng	0.00
15) 2-Fluorobiphenyl	12.950	172	15886	0.35	ng	0.00
27) Fluoranthene-d10	19.099	212	29595	0.40	ng	0.00
31) Terphenyl-d14	19.700	244	30241	0.51	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.239	88	1396	0.19	ng	# 30
3) n-Nitrosodimethylamine	3.537	42	754	0.15	ng	# 1
9) Naphthalene	10.530	128	3290	0.06	ng	# 93
12) 2-Methylnaphthalene	12.142	142	1928	0.05	ng	# 94
25) Phenanthrene	17.116	178	6963	0.10	ng	99
28) Fluoranthene	19.129	202	4684	0.06	ng	# 86
30) Pyrene	19.491	202	3439	0.04	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.165	149	3129	0.11	ng	# 99

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

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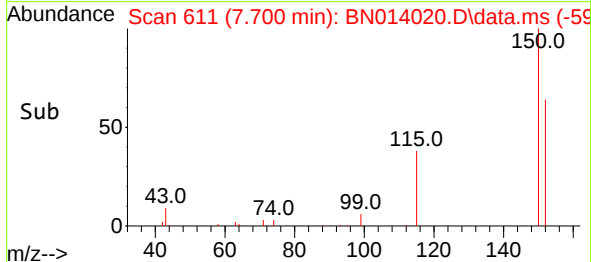
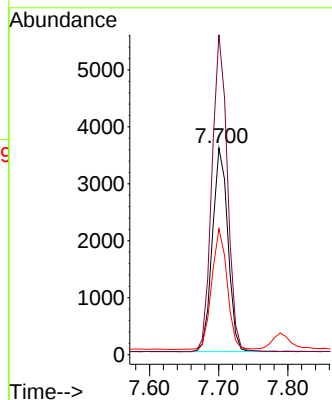
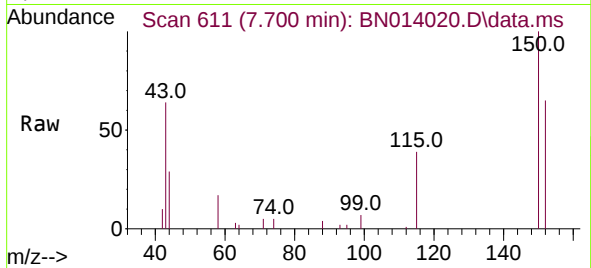




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.700 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: BN014020.D
 Acq: 22 Mar 2021 19:30

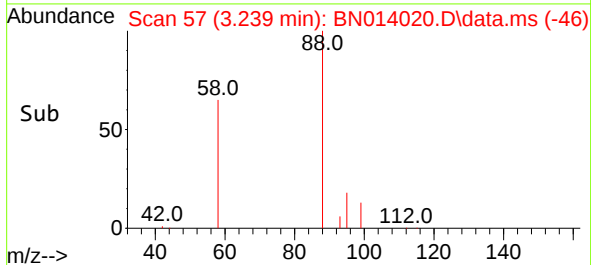
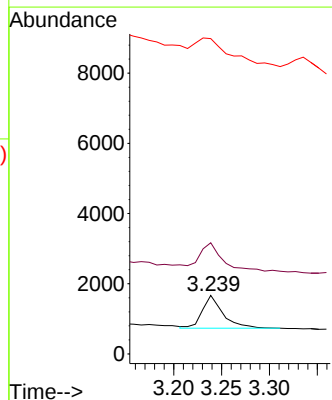
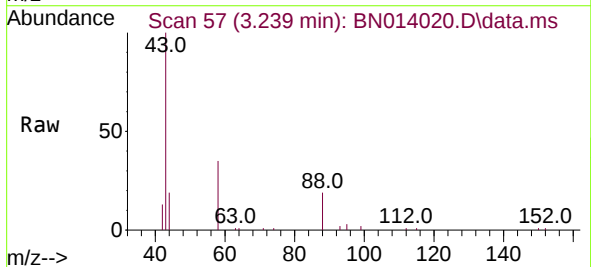
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 GWBR1-240-250-031921

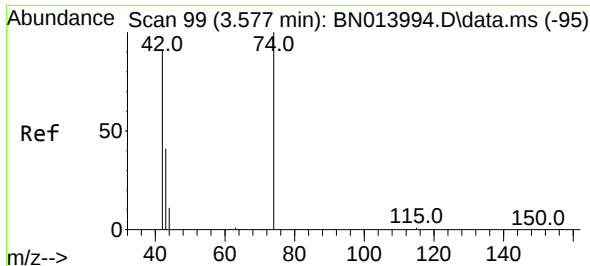
Tgt Ion:152 Resp: 5573
 Ion Ratio Lower Upper
 152 100
 150 154.8 121.8 182.8
 115 60.9 46.6 69.8



#2
 1,4-Dioxane
 Concen: 0.19 ng
 RT: 3.239 min Scan# 57
 Delta R.T. -0.008 min
 Lab File: BN014020.D
 Acq: 22 Mar 2021 19:30

Tgt Ion: 88 Resp: 1396
 Ion Ratio Lower Upper
 88 100
 58 94.5 64.6 96.8
 43 147.7 26.6 40.0#

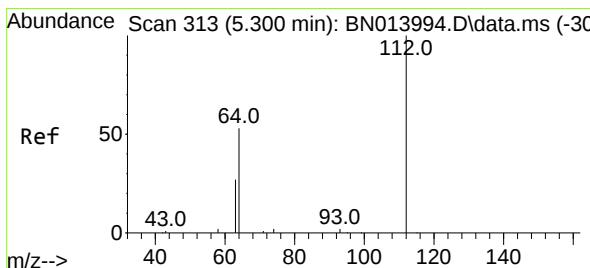
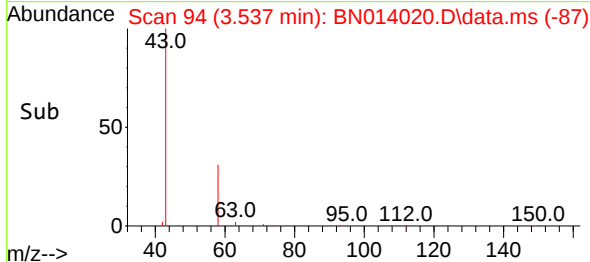
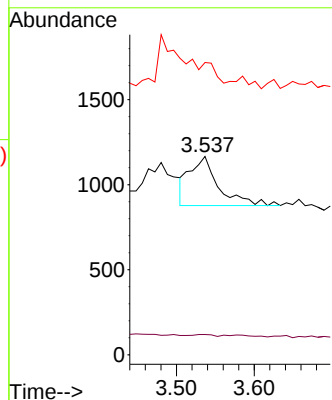
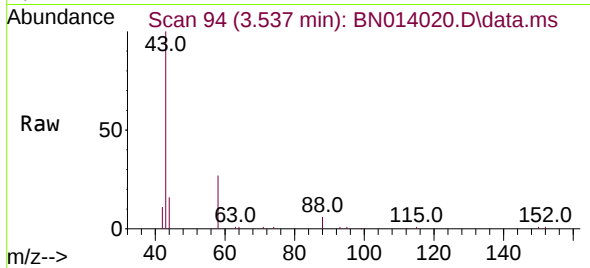




#3
n-Nitrosodimethylamine
Concen: 0.15 ng
RT: 3.537 min Scan# 94
Delta R.T. -0.040 min
Lab File: BN014020.D
Acq: 22 Mar 2021 19:30

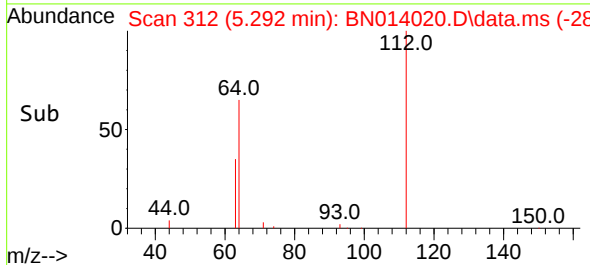
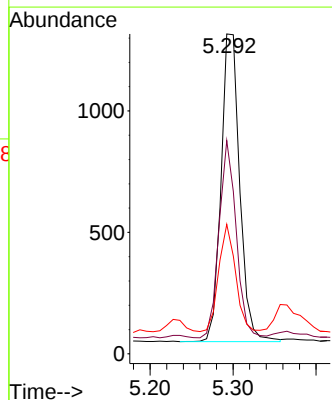
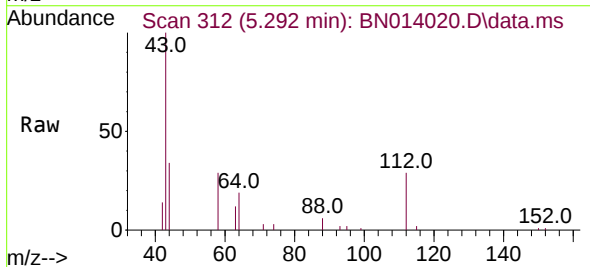
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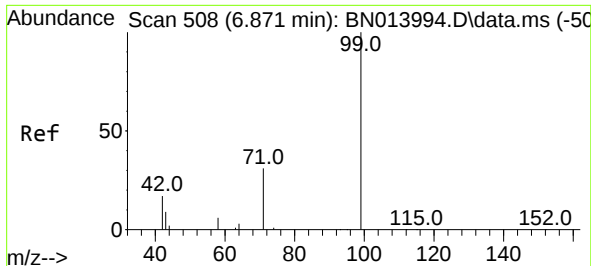
Tgt Ion: 42 Resp: 754
Ion Ratio Lower Upper
42 100
74 2.4 95.0 142.6#
44 0.0 5.8 8.8#



#4
2-Fluorophenol
Concen: 0.16 ng
RT: 5.292 min Scan# 312
Delta R.T. -0.008 min
Lab File: BN014020.D
Acq: 22 Mar 2021 19:30

Tgt Ion: 112 Resp: 1990
Ion Ratio Lower Upper
112 100
64 58.7 44.3 66.5
63 31.4 23.0 34.6

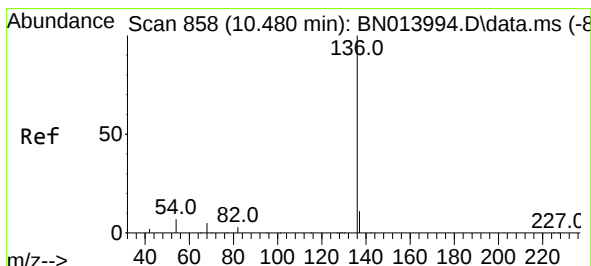
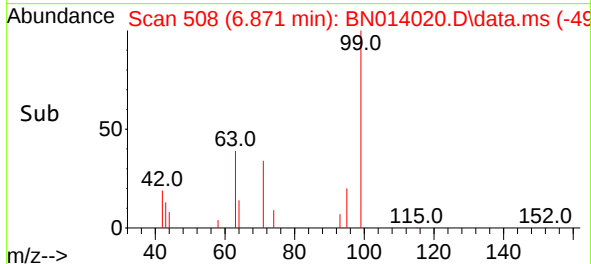
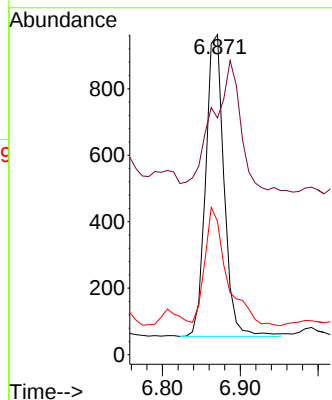
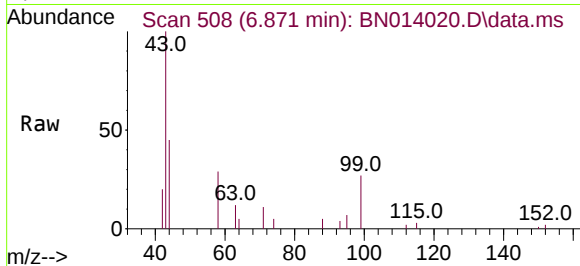




#5
Phenol-d6
Concen: 0.09 ng
RT: 6.871 min Scan# 508
Delta R.T. -0.000 min
Lab File: BN014020.D
Acq: 22 Mar 2021 19:30

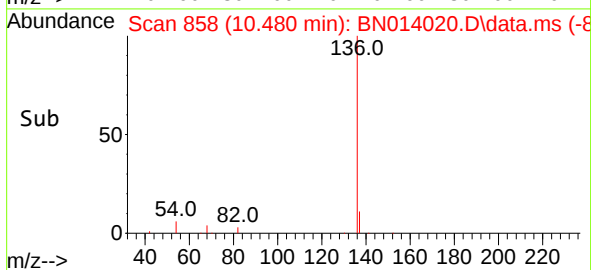
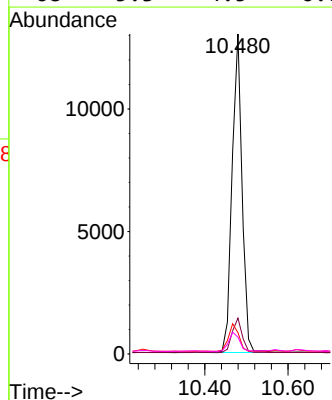
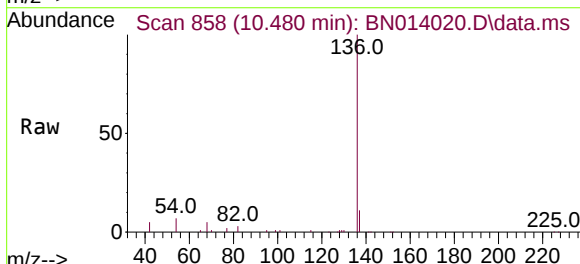
Instrument :
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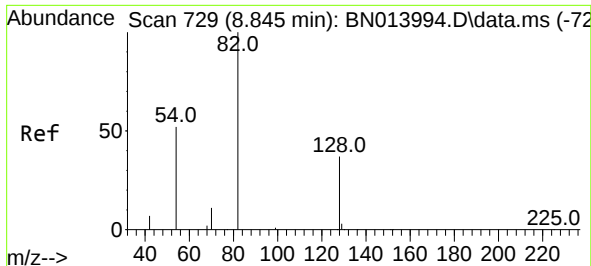
Tgt Ion: 99 Resp: 1489
Ion Ratio Lower Upper
99 100
42 0.0 15.2 22.8#
71 47.2 26.1 39.1#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.480 min Scan# 858
Delta R.T. -0.000 min
Lab File: BN014020.D
Acq: 22 Mar 2021 19:30

Tgt Ion: 136 Resp: 21614
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 6.6 6.4 9.6
68 5.3 4.5 6.7

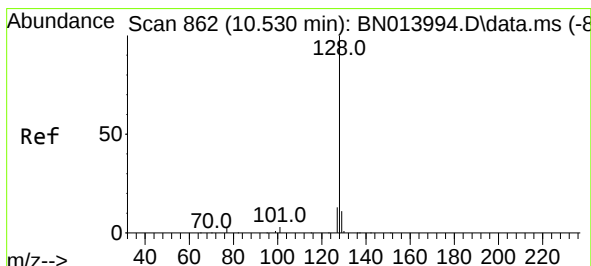
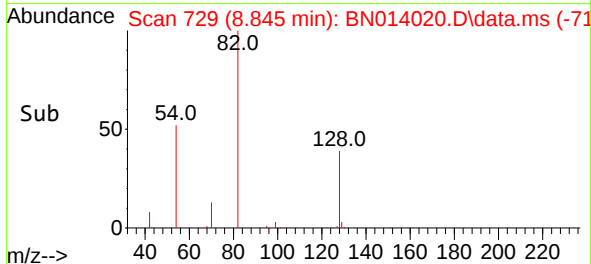
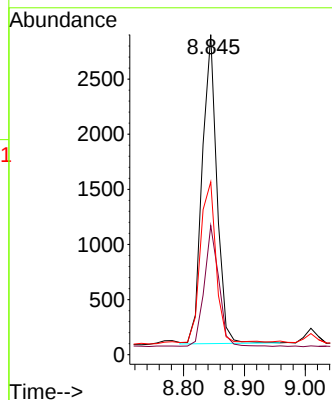
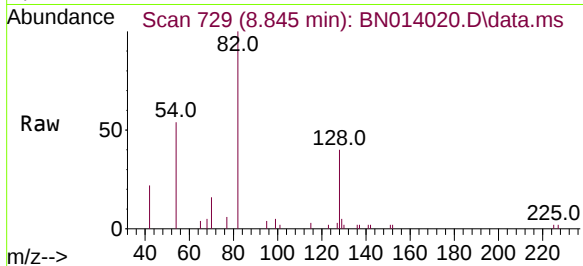




#8
Nitrobenzene-d5
Concen: 0.33 ng
RT: 8.845 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN014020.D
Acq: 22 Mar 2021 19:30

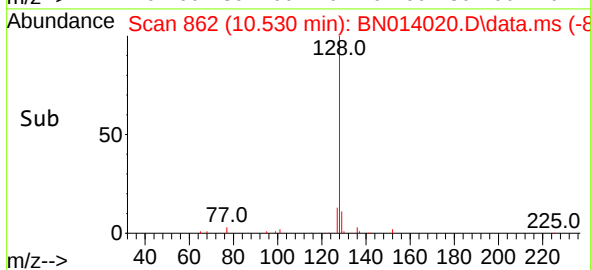
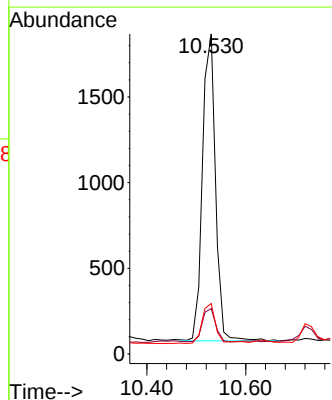
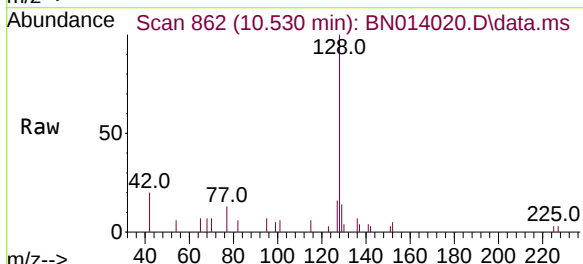
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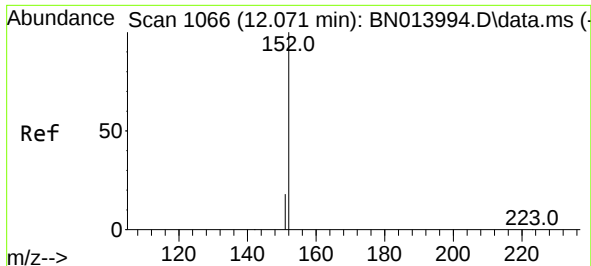
Tgt Ion: 82 Resp: 4727
Ion Ratio Lower Upper
82 100
128 40.3 39.2 58.8
54 54.0 40.1 60.1



#9
Naphthalene
Concen: 0.06 ng
RT: 10.530 min Scan# 862
Delta R.T. -0.000 min
Lab File: BN014020.D
Acq: 22 Mar 2021 19:30

Tgt Ion: 128 Resp: 3290
Ion Ratio Lower Upper
128 100
129 14.2 9.0 13.4#
127 15.7 10.4 15.6#

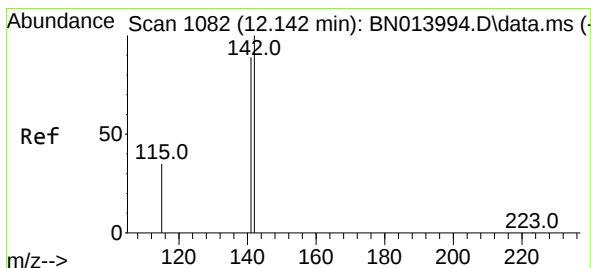
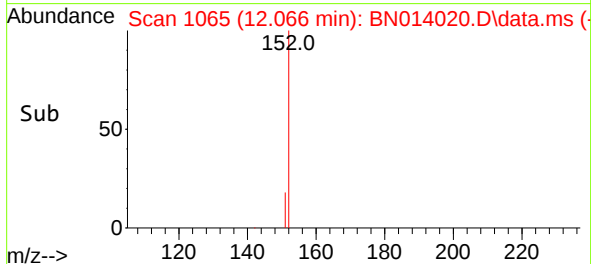
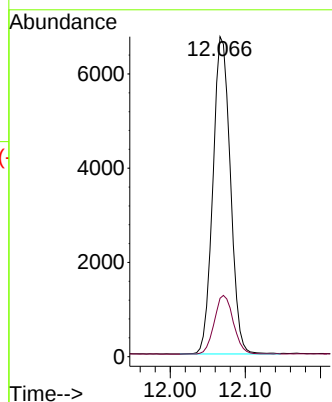
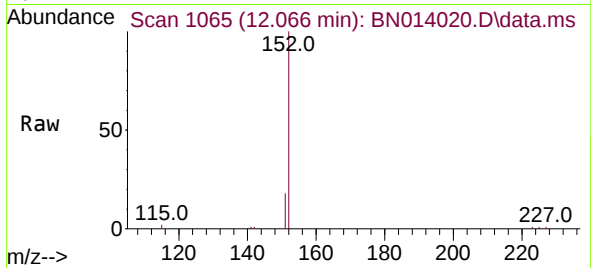




#11
2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 12.066 min Scan# 1065
Delta R.T. -0.005 min
Lab File: BN014020.D
Acq: 22 Mar 2021 19:30

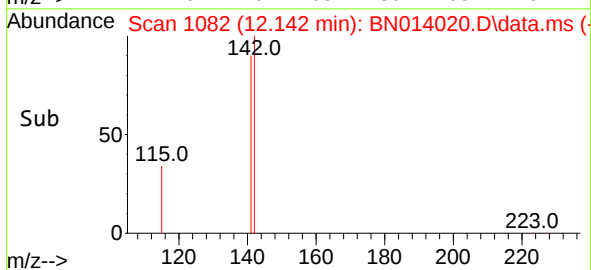
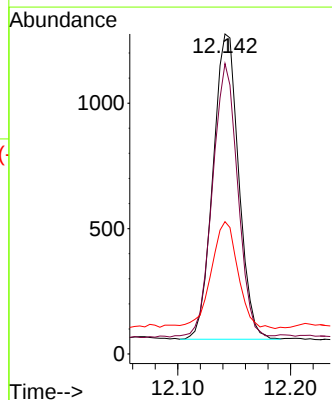
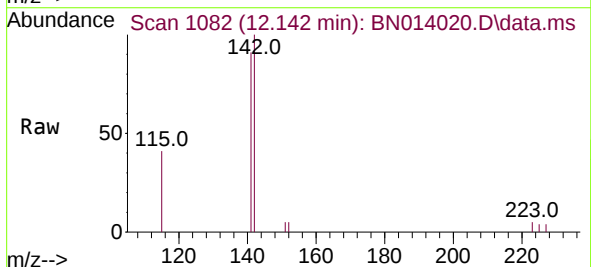
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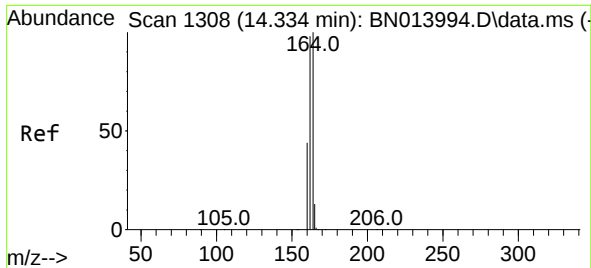
Tgt Ion:152 Resp: 10841
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2



#12
2-Methylnaphthalene
Concen: 0.05 ng
RT: 12.142 min Scan# 1082
Delta R.T. -0.000 min
Lab File: BN014020.D
Acq: 22 Mar 2021 19:30

Tgt Ion:142 Resp: 1928
Ion Ratio Lower Upper
142 100
141 90.8 70.5 105.7
115 41.4 27.4 41.0#

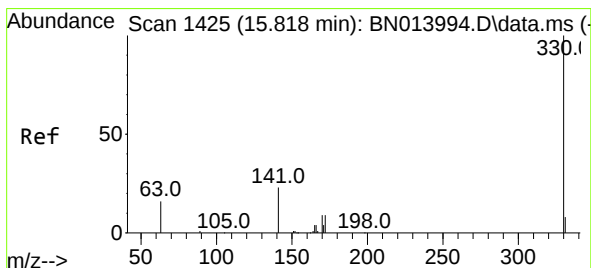
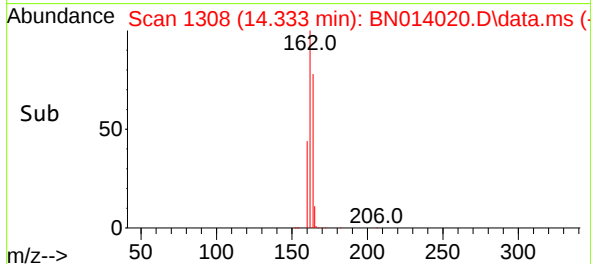
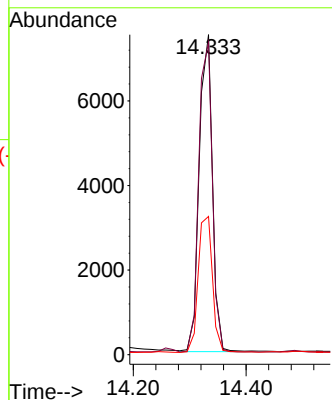
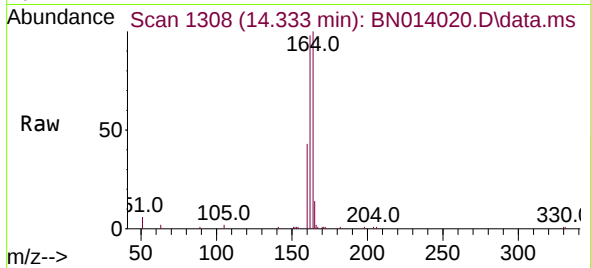




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.333 min Scan# 1308
Delta R.T. -0.000 min
Lab File: BN014020.D
Acq: 22 Mar 2021 19:30

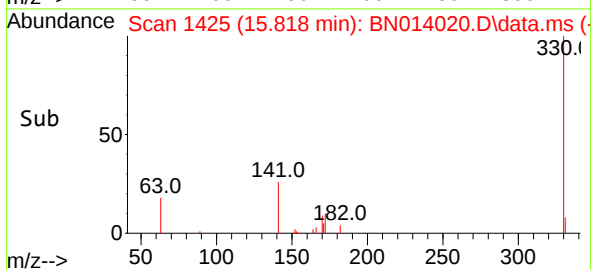
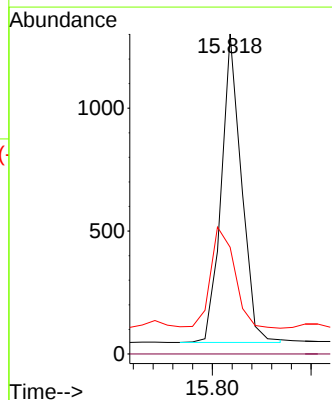
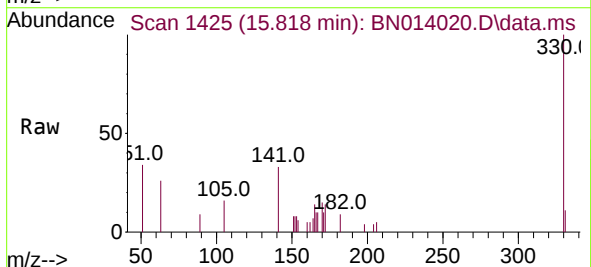
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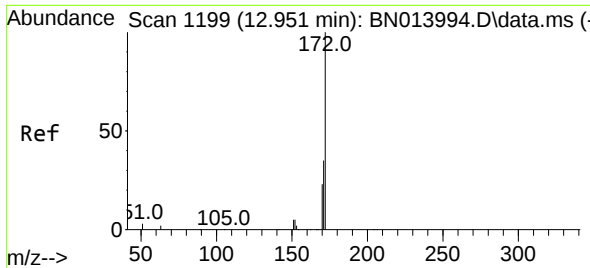
Tgt Ion:164 Resp: 12225
Ion Ratio Lower Upper
164 100
162 97.6 79.6 119.4
160 43.2 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.45 ng
RT: 15.818 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BN014020.D
Acq: 22 Mar 2021 19:30

Tgt Ion:330 Resp: 1780
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.2 26.8 40.2

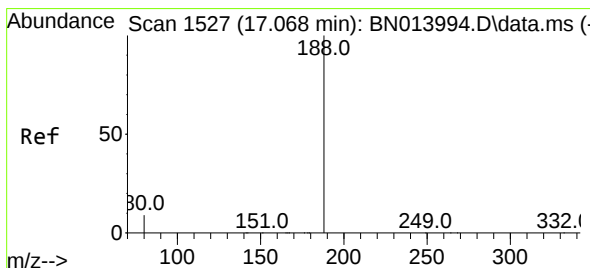
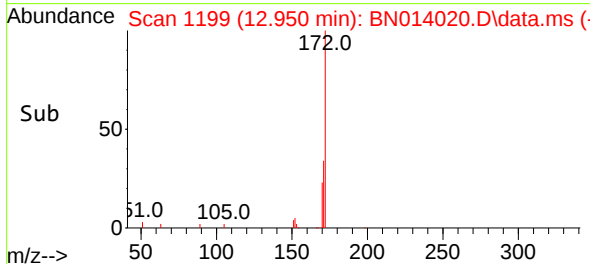
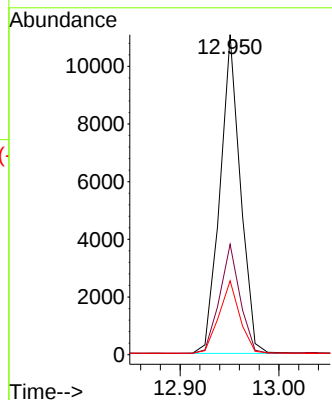
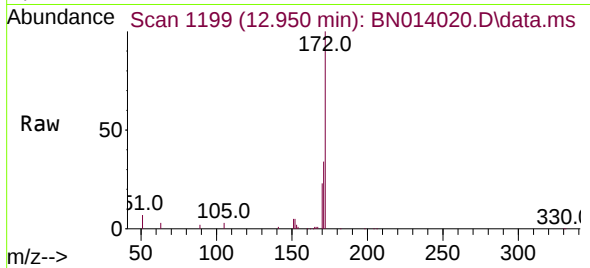




#15
2-Fluorobiphenyl
Concen: 0.35 ng
RT: 12.950 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BN014020.D
Acq: 22 Mar 2021 19:30

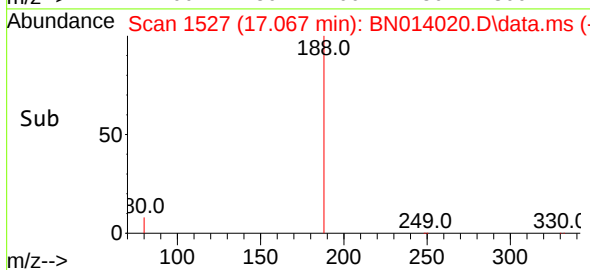
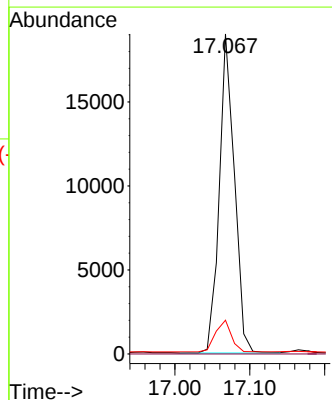
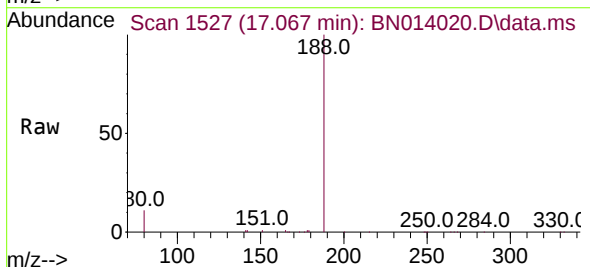
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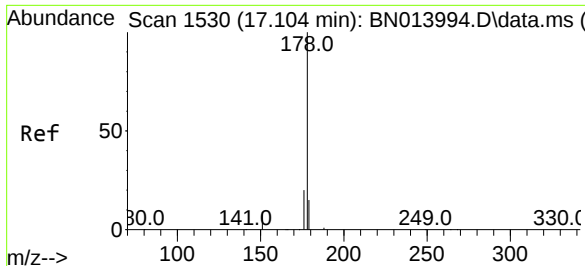
Tgt Ion:	172	Resp:	15886
Ion Ratio	Lower	Upper	
172	100		
171	34.5	28.6	42.8
170	23.1	18.9	28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.067 min Scan# 1527
Delta R.T. -0.000 min
Lab File: BN014020.D
Acq: 22 Mar 2021 19:30

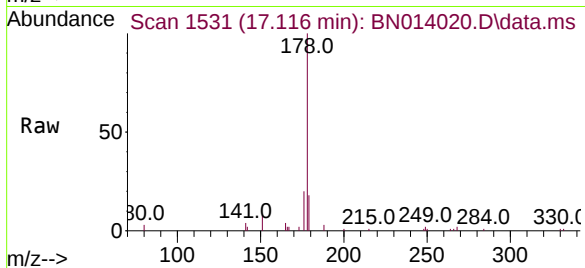
Tgt Ion:	188	Resp:	26620
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.6	9.0	13.6





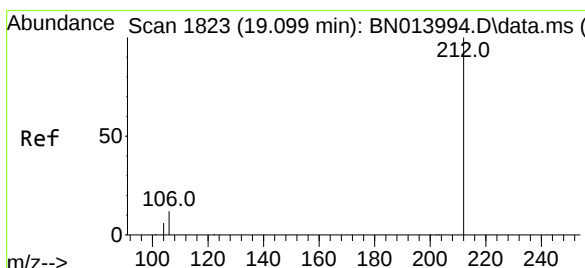
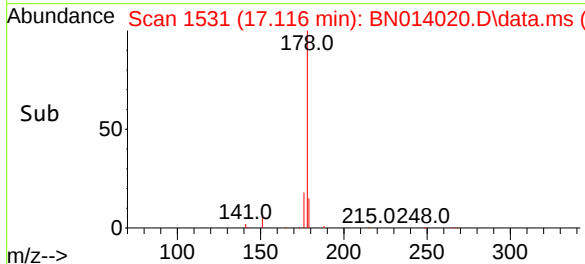
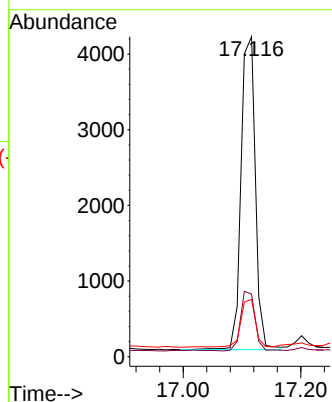
#25
Phenanthrene
Concen: 0.10 ng
RT: 17.116 min Scan# 1531
Delta R.T. 0.012 min
Lab File: BN014020.D
Acq: 22 Mar 2021 19:30

Instrument :
BNA_N
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GWBR1-240-250-031921



Tgt Ion:178 Resp: 6963

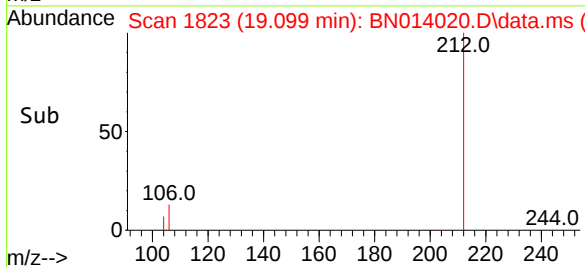
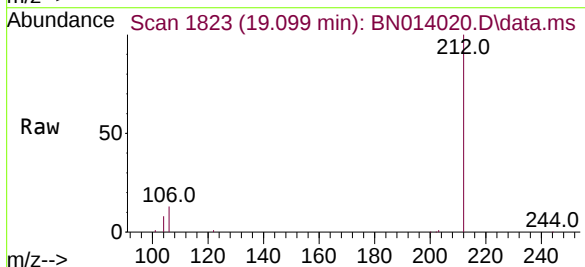
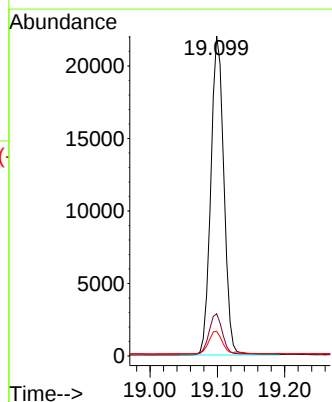
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.4
179	15.1	12.3	18.5

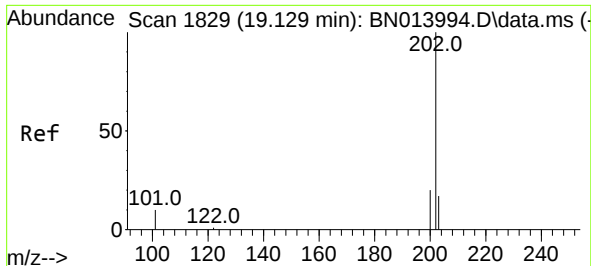


#27
Fluoranthene-d10
Concen: 0.40 ng
RT: 19.099 min Scan# 1823
Delta R.T. -0.000 min
Lab File: BN014020.D
Acq: 22 Mar 2021 19:30

Tgt Ion:212 Resp: 29595

Ion	Ratio	Lower	Upper
212	100		
106	12.7	9.7	14.5
104	7.2	5.5	8.3

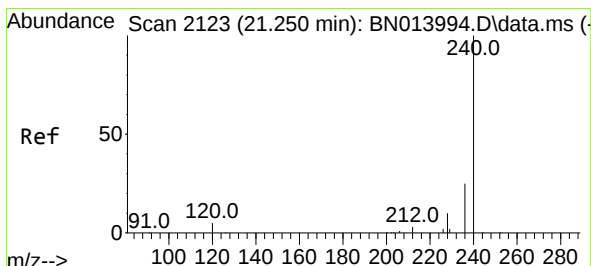
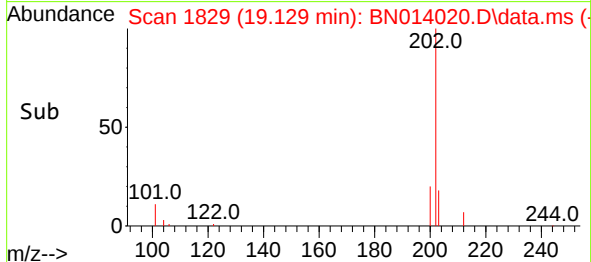
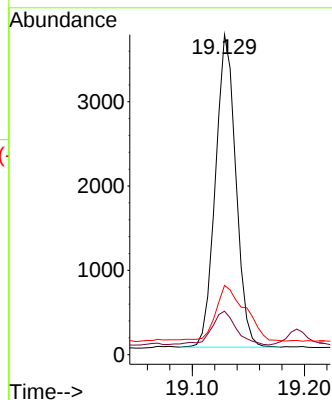
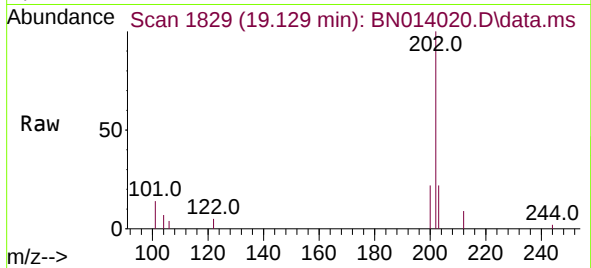




#28
Fluoranthene
Concen: 0.06 ng
RT: 19.129 min Scan# 1829
Delta R.T. -0.000 min
Lab File: BN014020.D
Acq: 22 Mar 2021 19:30

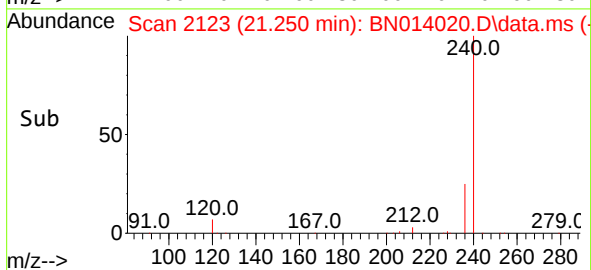
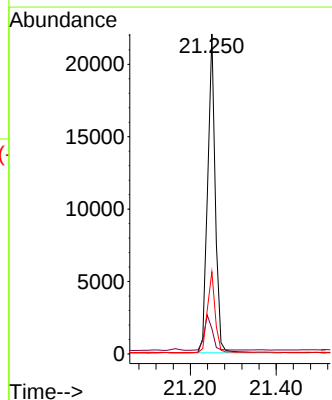
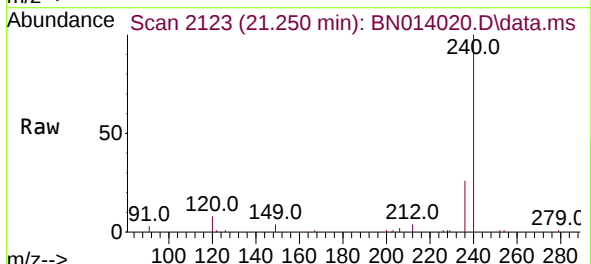
Instrument :
BNA_N
ClientSampleId :
GWBR1-240-250-031921

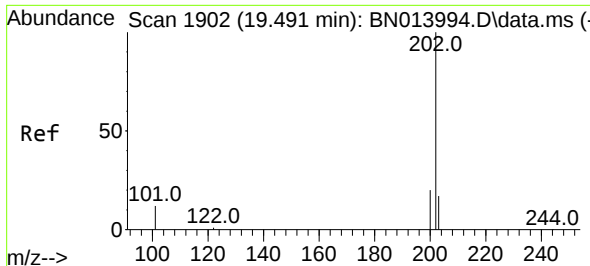
Tgt Ion:202 Resp: 4684
Ion Ratio Lower Upper
202 100
101 13.0 8.1 12.1#
203 25.3 13.9 20.9#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.250 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BN014020.D
Acq: 22 Mar 2021 19:30

Tgt Ion:240 Resp: 27261
Ion Ratio Lower Upper
240 100
120 7.9 10.2 15.4#
236 25.7 21.3 31.9

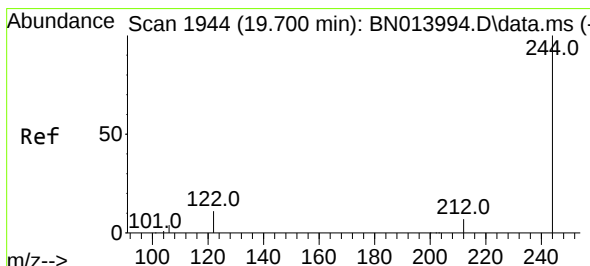
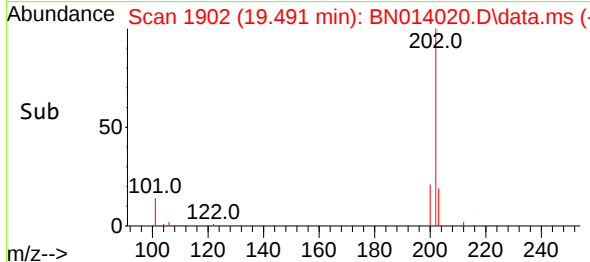
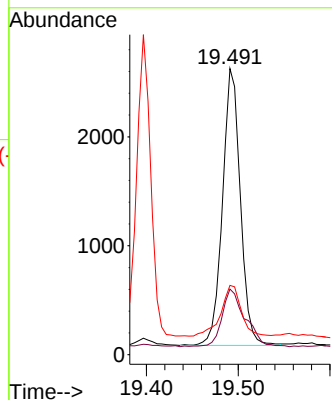
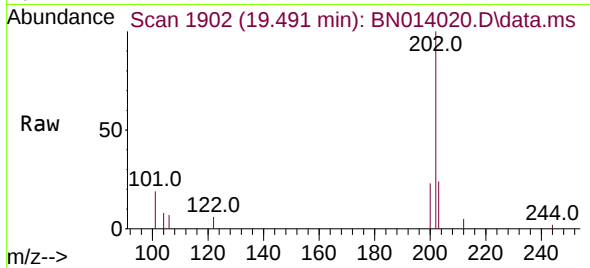




#30
Pyrene
Concen: 0.04 ng
RT: 19.491 min Scan# 1902
Delta R.T. -0.000 min
Lab File: BN014020.D
Acq: 22 Mar 2021 19:30

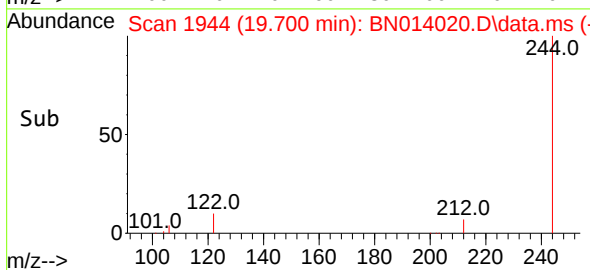
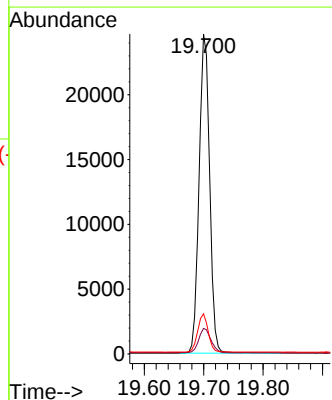
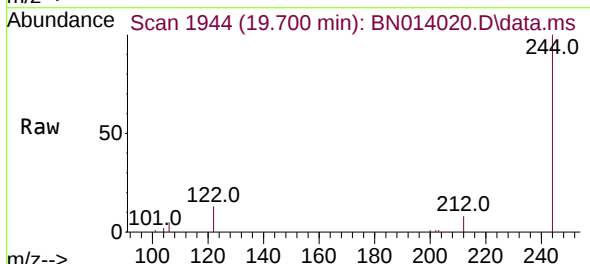
Instrument :
BNA_N
ClientSampleId :
GWBR1-240-250-031921

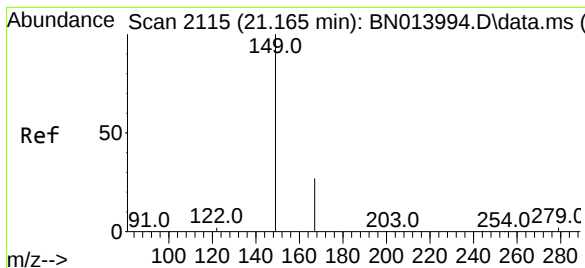
Tgt Ion:202 Resp: 3439
Ion Ratio Lower Upper
202 100
200 27.3 16.3 24.5#
203 21.4 14.0 21.0#



#31
Terphenyl-d14
Concen: 0.51 ng
RT: 19.700 min Scan# 1944
Delta R.T. -0.000 min
Lab File: BN014020.D
Acq: 22 Mar 2021 19:30

Tgt Ion:244 Resp: 30241
Ion Ratio Lower Upper
244 100
212 8.0 6.1 9.1
122 12.6 9.8 14.8

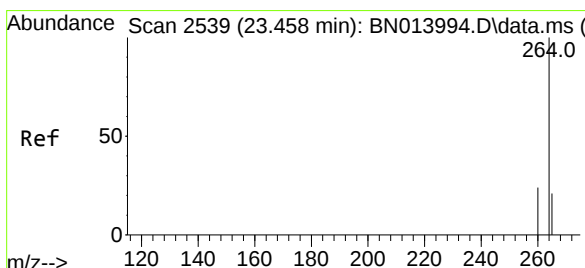
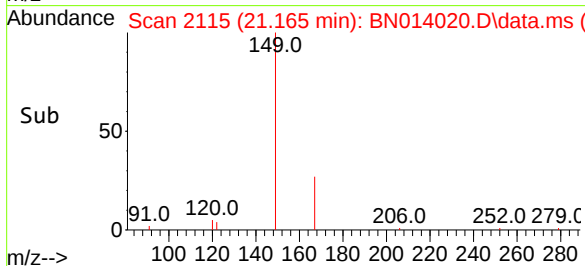
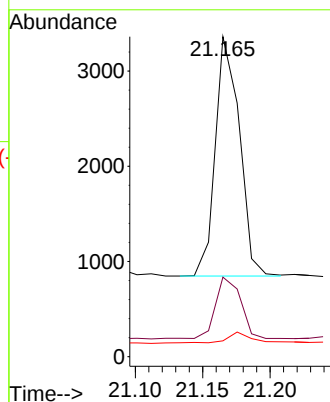
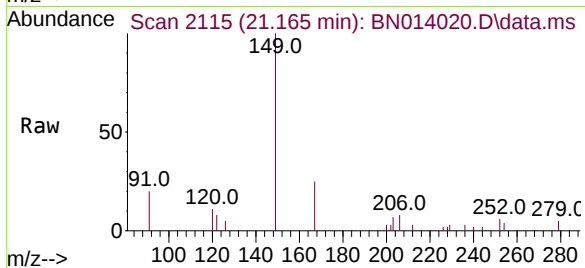




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.11 ng
 RT: 21.165 min Scan# 2115
 Delta R.T. -0.000 min
 Lab File: BN014020.D
 Acq: 22 Mar 2021 19:30

Instrument :
 BNA_N
 ClientSampleId :
 GWBR1-240-250-031921

Tgt Ion:149 Resp: 3129
 Ion Ratio Lower Upper
 149 100
 167 27.5 22.1 33.1
 279 5.5 3.5 5.3#



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.465 min Scan# 2541
 Delta R.T. 0.007 min
 Lab File: BN014020.D
 Acq: 22 Mar 2021 19:30

Tgt Ion:264 Resp: 25941
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.3 28.9
 265 32.6 66.2 99.4#

