

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032221\
 Data File : BN014019.D
 Acq On : 22 Mar 2021 18:54
 Operator : CG/JU
 Sample : M1755-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Mar 23 00:20:30 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)

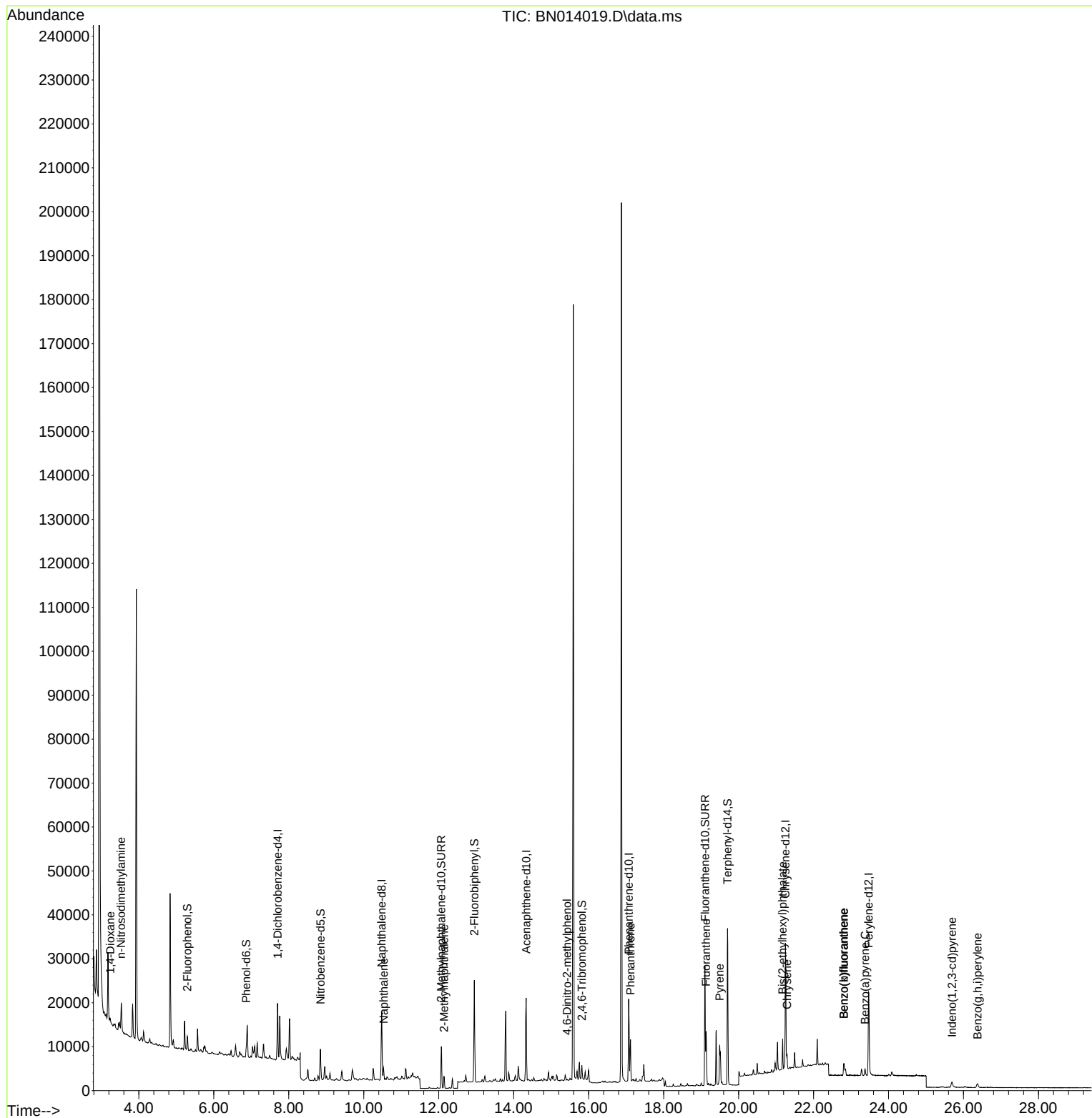
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.700	152	5349	0.40	ng	0.00
7) Naphthalene-d8	10.480	136	20517	0.40	ng	0.00
13) Acenaphthene-d10	14.334	164	11521	0.40	ng	0.00
19) Phenanthrene-d10	17.068	188	25326	0.40	ng	0.00
29) Chrysene-d12	21.250	240	26987	0.40	ng	0.00
36) Perylene-d12	23.469	264	25527	0.40	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.292	112	2358	0.19	ng	0.00
5) Phenol-d6	6.863	99	1816	0.12	ng	0.00
8) Nitrobenzene-d5	8.845	82	5425	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.071	152	12439	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.818	330	2189	0.58	ng	0.00
15) 2-Fluorobiphenyl	12.951	172	18684	0.43	ng	0.00
27) Fluoranthene-d10	19.104	212	30644	0.44	ng	0.00
31) Terphenyl-d14	19.705	244	33375	0.56	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.239	88	620	0.09	ng	# 1
3) n-Nitrosodimethylamine	3.529	42	770	0.16	ng	# 1
9) Naphthalene	10.530	128	3405	0.07	ng	# 93
12) 2-Methylnaphthalene	12.142	142	1904	0.06	ng	# 95
20) 4,6-Dinitro-2-methylph...	15.425	198	151	0.05	ng	# 1
25) Phenanthrene	17.116	178	10067	0.15	ng	99
28) Fluoranthene	19.134	202	10350	0.13	ng	# 79
30) Pyrene	19.496	202	7864	0.10	ng	93
33) Chrysene	21.293	228	3609	0.04	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.176	149	5766	0.20	ng	100
35) Indeno(1,2,3-cd)pyrene	25.690	276	1970	0.02	ng	94
37) Benzo(b)fluoranthene	22.808	252	4161	0.04	ng	# 30
38) Benzo(k)fluoranthene	22.808	252	4161	0.05	ng	# 31
39) Benzo(a)pyrene	23.373	252	1783	0.02	ng	# 1
41) Benzo(g,h,i)perylene	26.371	276	1822	0.02	ng	# 75

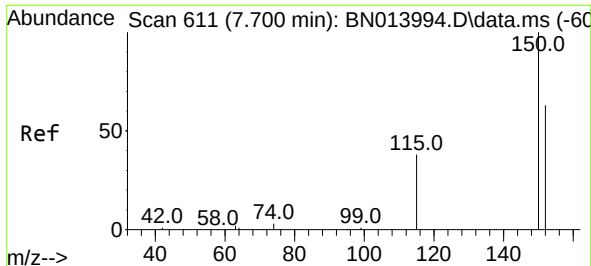
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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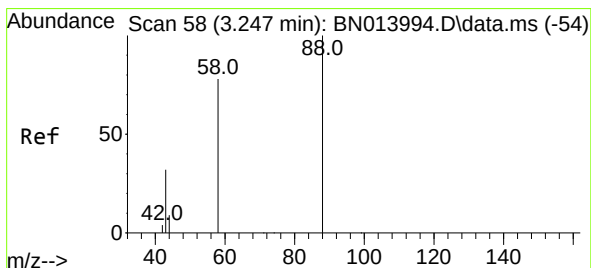
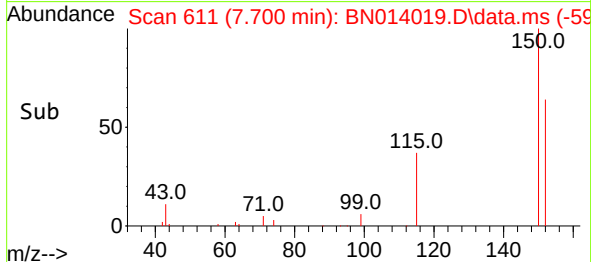
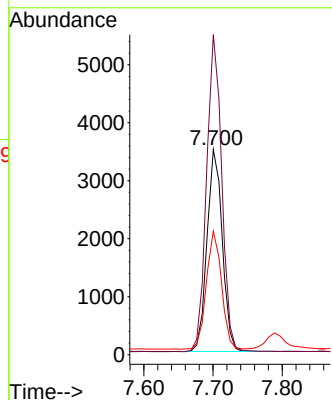
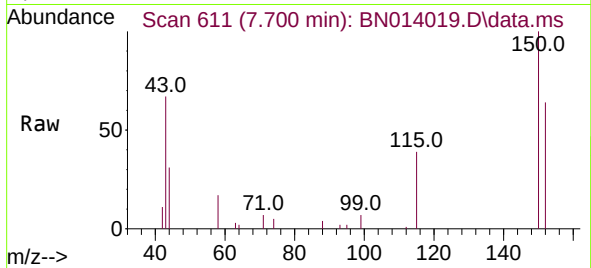




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.700 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: BN014019.D
 Acq: 22 Mar 2021 18:54

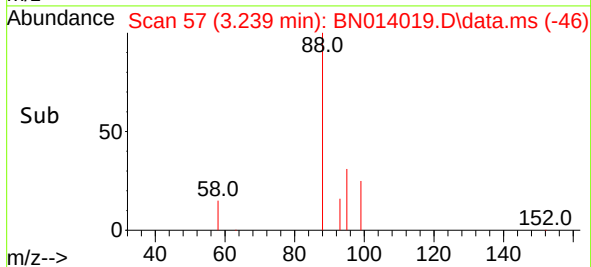
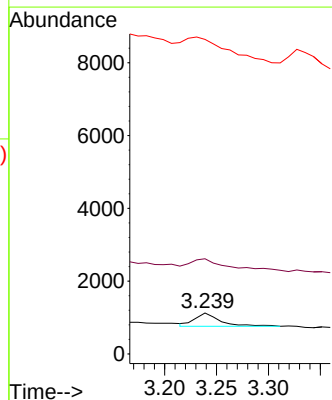
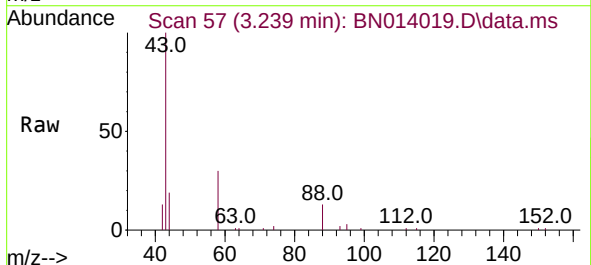
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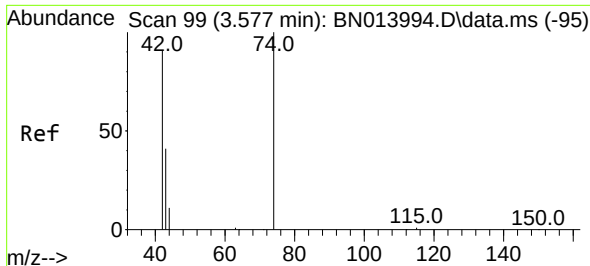
Tgt Ion:152 Resp: 5349
 Ion Ratio Lower Upper
 152 100
 150 156.0 121.8 182.8
 115 60.2 46.6 69.8



#2
 1,4-Dioxane
 Concen: 0.09 ng
 RT: 3.239 min Scan# 57
 Delta R.T. -0.008 min
 Lab File: BN014019.D
 Acq: 22 Mar 2021 18:54

Tgt Ion: 88 Resp: 620
 Ion Ratio Lower Upper
 88 100
 58 116.1 64.6 96.8#
 43 307.3 26.6 40.0#

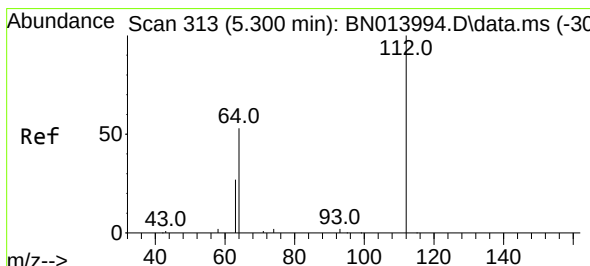
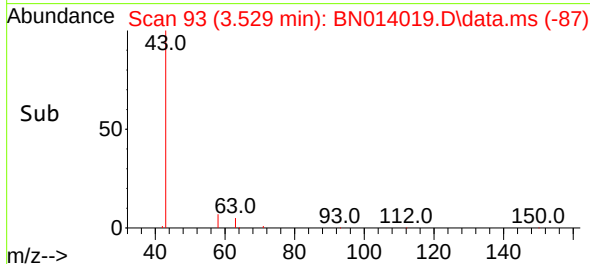
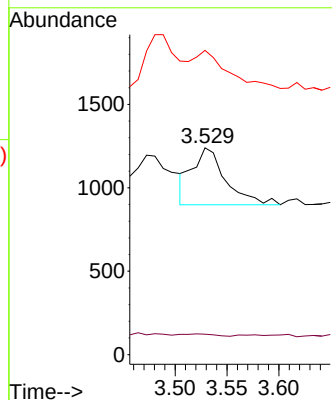
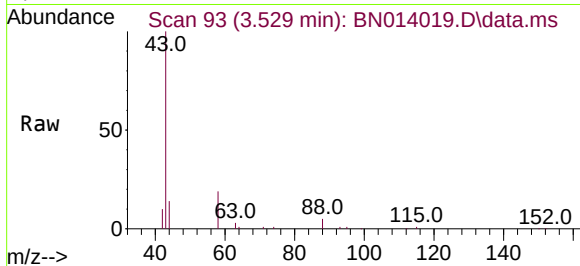




#3
n-Nitrosodimethylamine
Concen: 0.16 ng
RT: 3.529 min Scan# 93
Delta R.T. -0.048 min
Lab File: BN014019.D
Acq: 22 Mar 2021 18:54

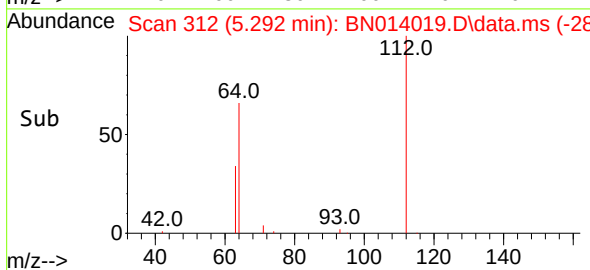
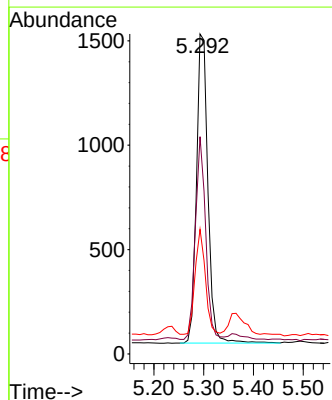
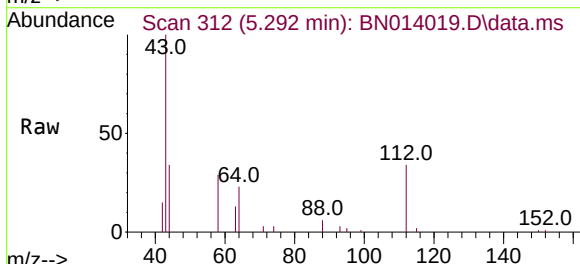
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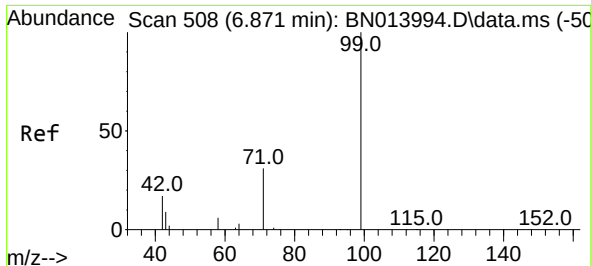
Tgt Ion: 42 Resp: 770
Ion Ratio Lower Upper
42 100
74 3.8 95.0 142.6#
44 63.5 5.8 8.8#



#4
2-Fluorophenol
Concen: 0.19 ng
RT: 5.292 min Scan# 312
Delta R.T. -0.008 min
Lab File: BN014019.D
Acq: 22 Mar 2021 18:54

Tgt Ion: 112 Resp: 2358
Ion Ratio Lower Upper
112 100
64 58.7 44.3 66.5
63 30.6 23.0 34.6

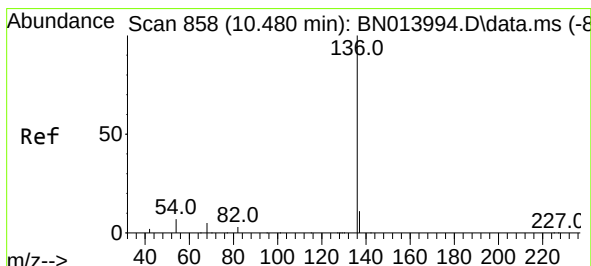
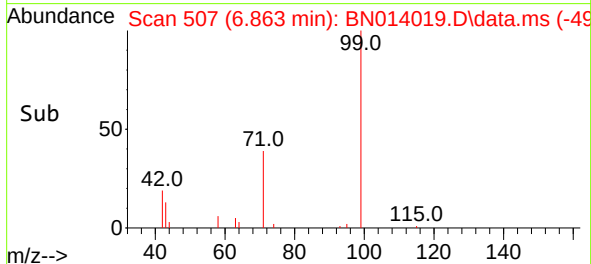
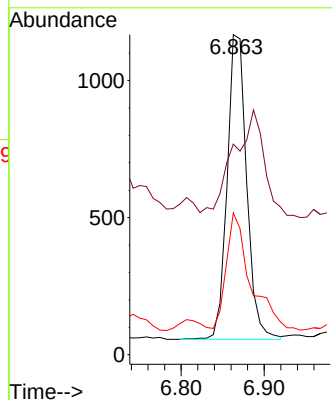
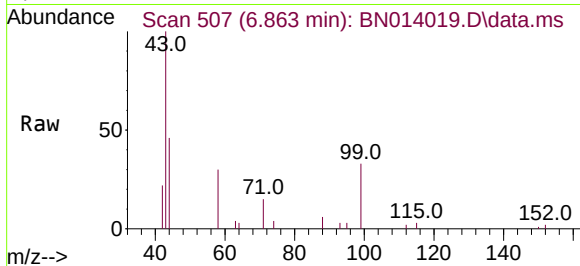




#5
Phenol-d6
Concen: 0.12 ng
RT: 6.863 min Scan# 507
Delta R.T. -0.008 min
Lab File: BN014019.D
Acq: 22 Mar 2021 18:54

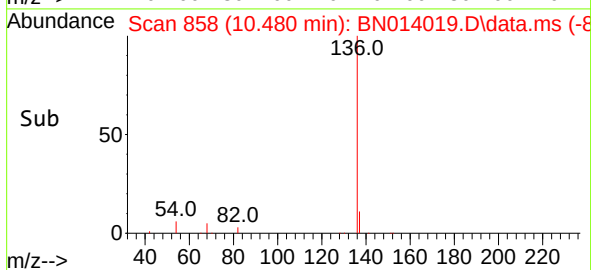
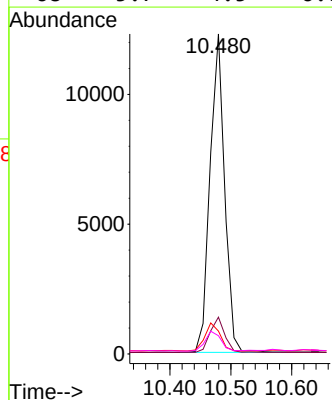
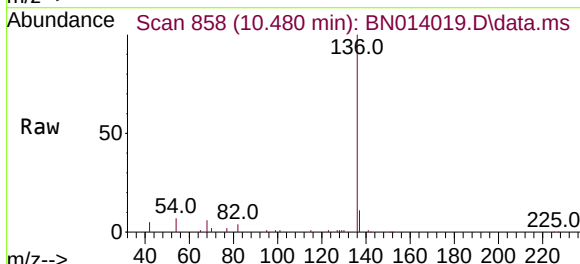
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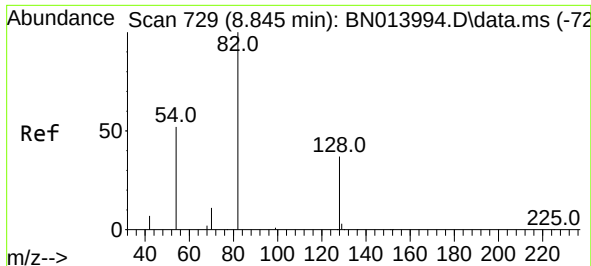
Tgt Ion: 99 Resp: 1816
Ion Ratio Lower Upper
99 100
42 0.0 15.2 22.8#
71 47.7 26.1 39.1#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.480 min Scan# 858
Delta R.T. 0.000 min
Lab File: BN014019.D
Acq: 22 Mar 2021 18:54

Tgt Ion: 136 Resp: 20517
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.6
54 7.1 6.4 9.6
68 5.7 4.5 6.7

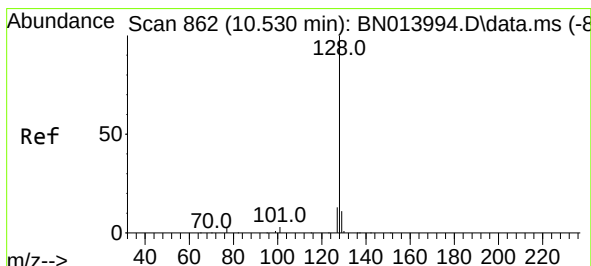
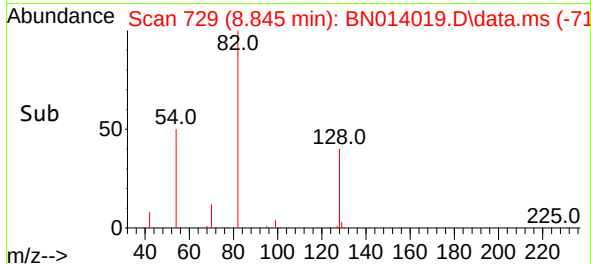
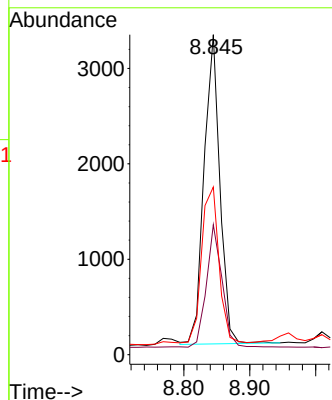
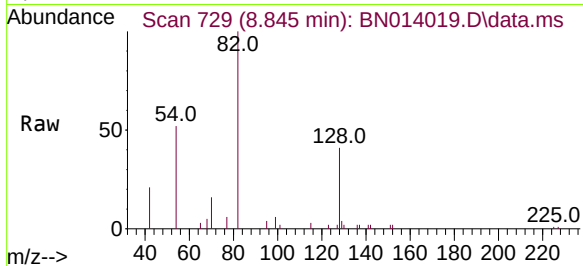




#8
Nitrobenzene-d5
Concen: 0.40 ng
RT: 8.845 min Scan# 729
Delta R.T. 0.000 min
Lab File: BN014019.D
Acq: 22 Mar 2021 18:54

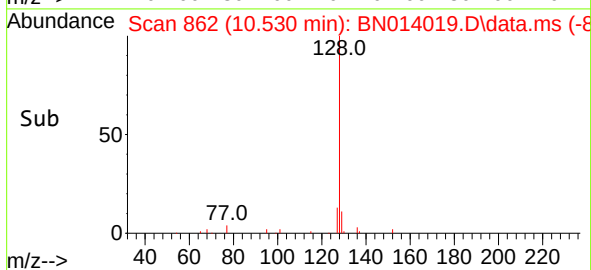
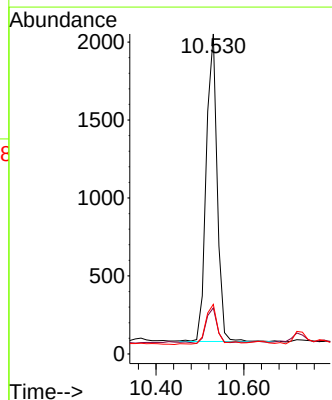
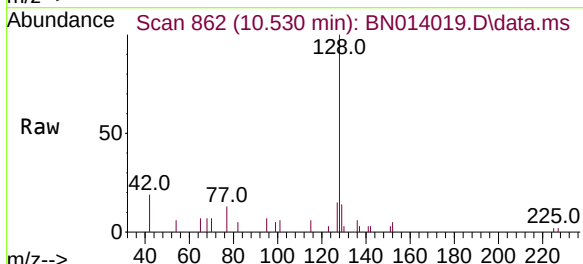
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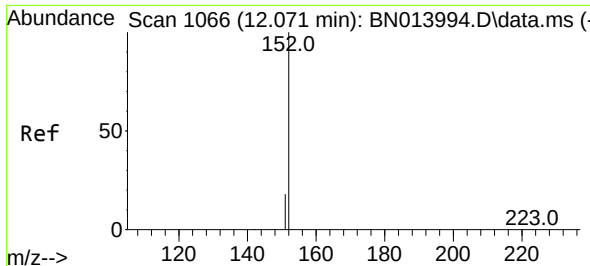
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.6	39.2	58.8
54	52.4	40.1	60.1



#9
Naphthalene
Concen: 0.07 ng
RT: 10.530 min Scan# 862
Delta R.T. 0.000 min
Lab File: BN014019.D
Acq: 22 Mar 2021 18:54

Tgt Ion	Ratio	Lower	Upper
128	100		
129	14.4	9.0	13.4
127	15.5	10.4	15.6

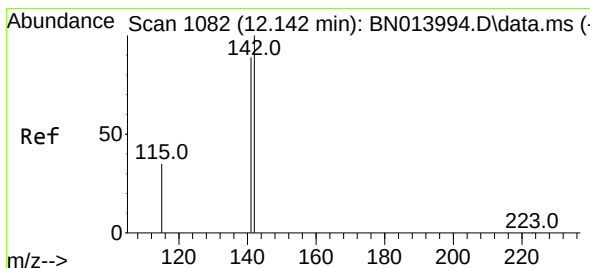
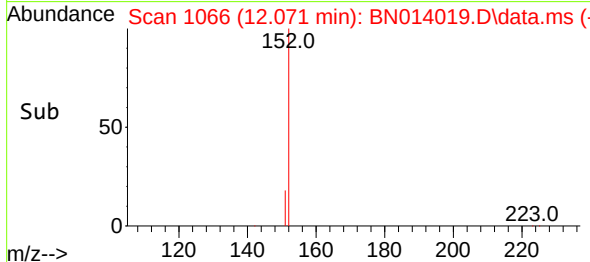
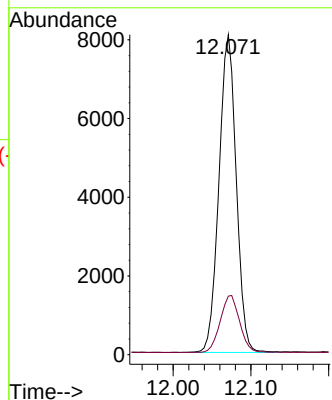
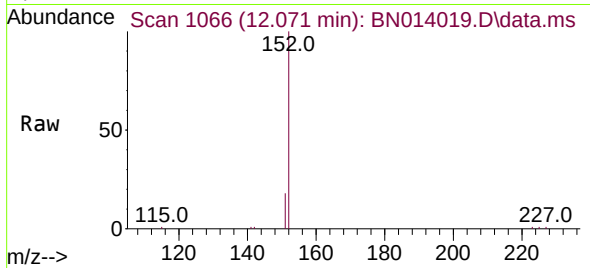




#11
2-Methylnaphthalene-d10
Concen: 0.39 ng
RT: 12.071 min Scan# 1066
Delta R.T. 0.000 min
Lab File: BN014019.D
Acq: 22 Mar 2021 18:54

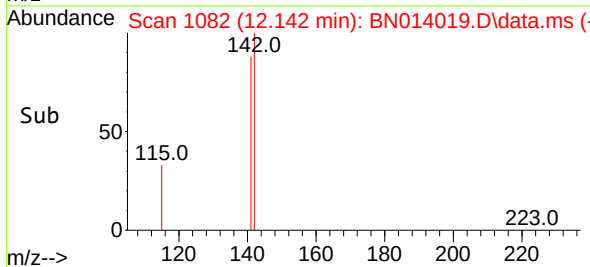
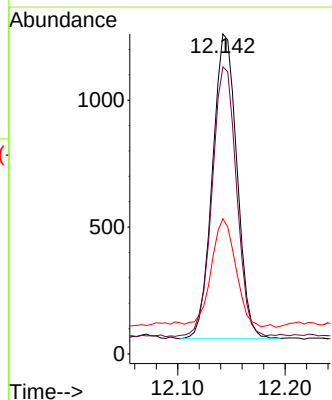
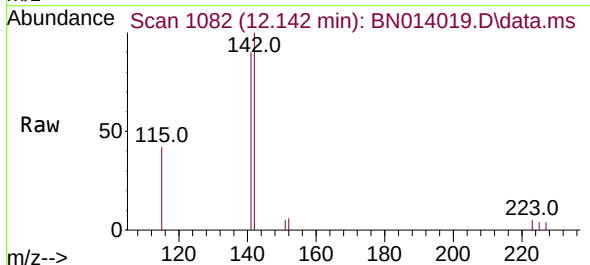
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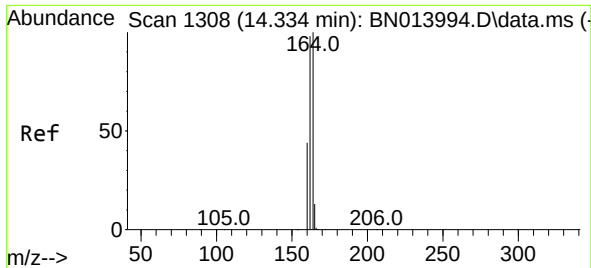
Tgt Ion:152 Resp: 12439
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2



#12
2-Methylnaphthalene
Concen: 0.06 ng
RT: 12.142 min Scan# 1082
Delta R.T. 0.000 min
Lab File: BN014019.D
Acq: 22 Mar 2021 18:54

Tgt Ion:142 Resp: 1904
Ion Ratio Lower Upper
142 100
141 89.7 70.5 105.7
115 42.3 27.4 41.0#

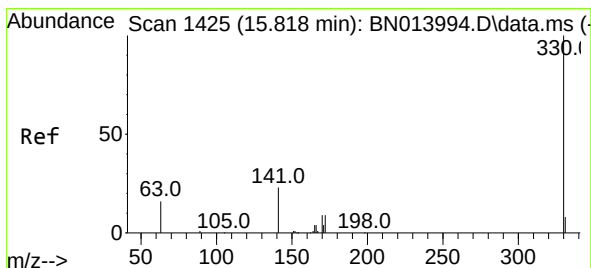
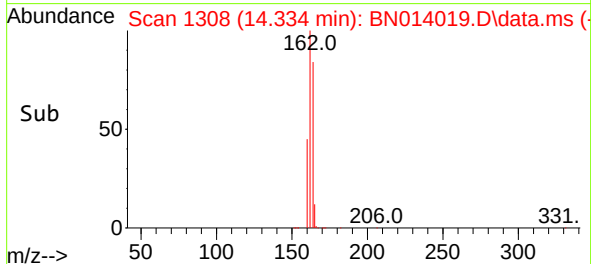
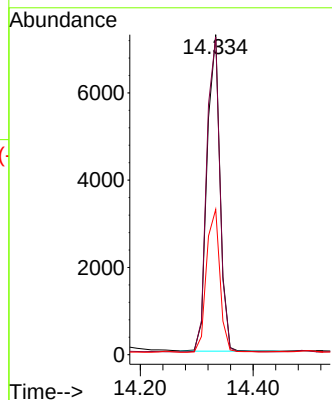
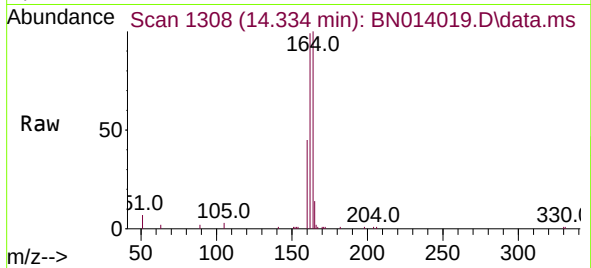




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.334 min Scan# 1308
Delta R.T. 0.000 min
Lab File: BN014019.D
Acq: 22 Mar 2021 18:54

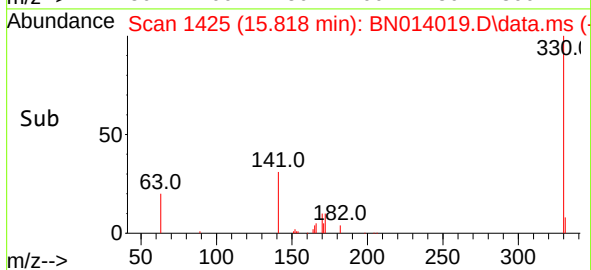
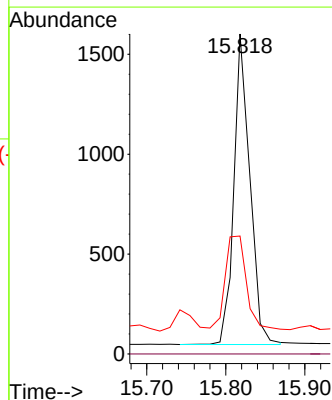
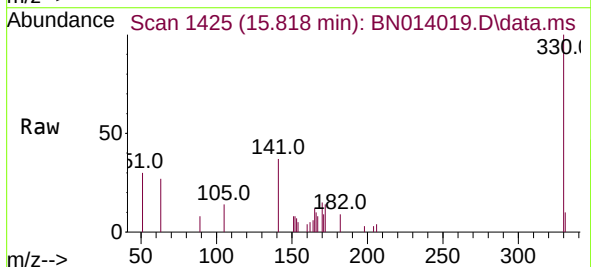
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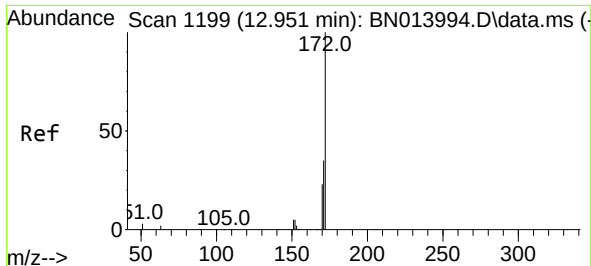
Tgt Ion:164 Resp: 11521
Ion Ratio Lower Upper
164 100
162 99.3 79.6 119.4
160 45.4 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.58 ng
RT: 15.818 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BN014019.D
Acq: 22 Mar 2021 18:54

Tgt Ion:330 Resp: 2189
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.7 26.8 40.2

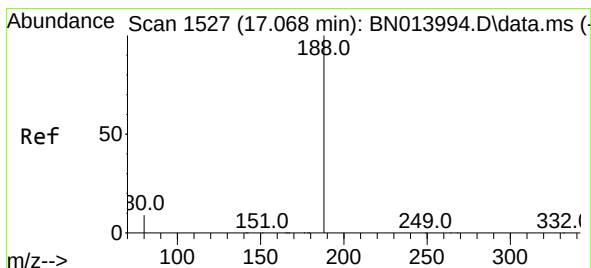
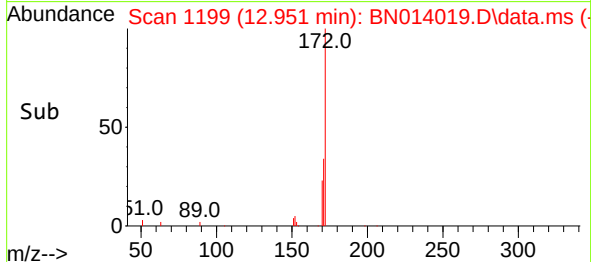
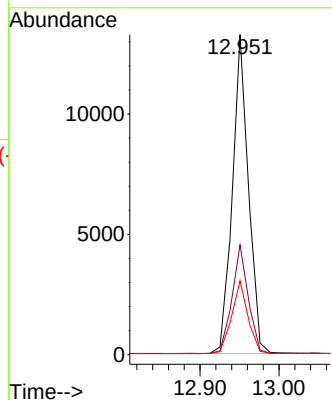
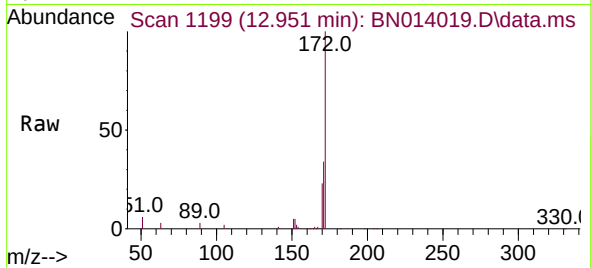




#15
2-Fluorobiphenyl
Concen: 0.43 ng
RT: 12.951 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BN014019.D
Acq: 22 Mar 2021 18:54

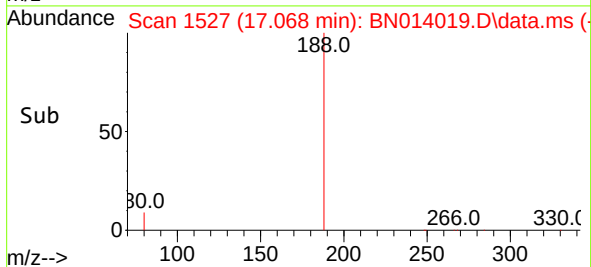
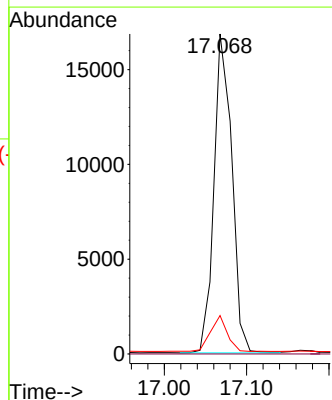
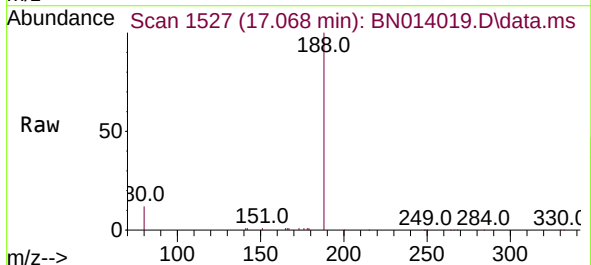
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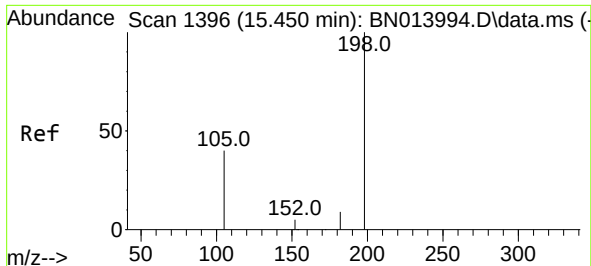
Tgt Ion:172 Resp: 18684
Ion Ratio Lower Upper
172 100
171 34.3 28.6 42.8
170 23.1 18.9 28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.068 min Scan# 1527
Delta R.T. 0.000 min
Lab File: BN014019.D
Acq: 22 Mar 2021 18:54

Tgt Ion:188 Resp: 25326
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.0 9.0 13.6

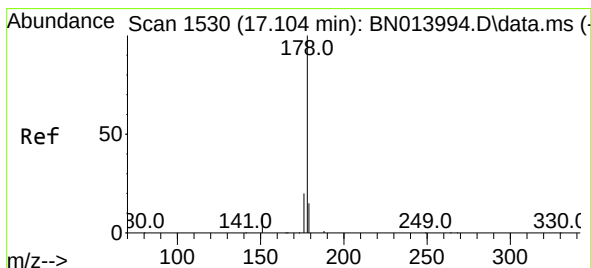
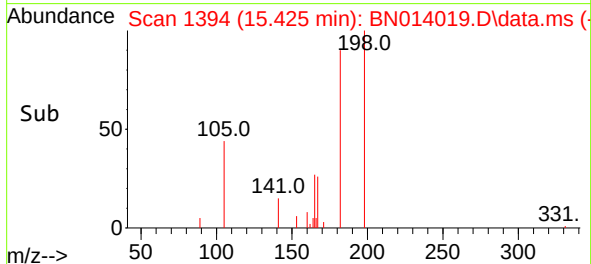
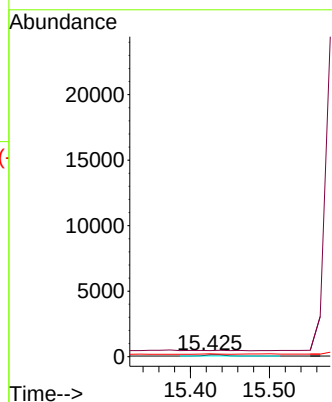
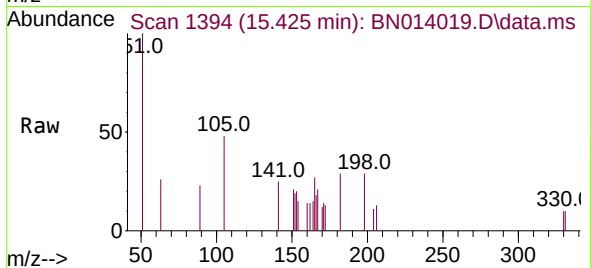




#20
4,6-Dinitro-2-methylphenol
Concen: 0.05 ng
RT: 15.425 min Scan# 1394
Delta R.T. -0.025 min
Lab File: BN014019.D
Acq: 22 Mar 2021 18:54

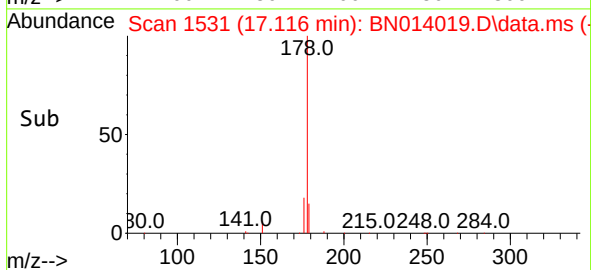
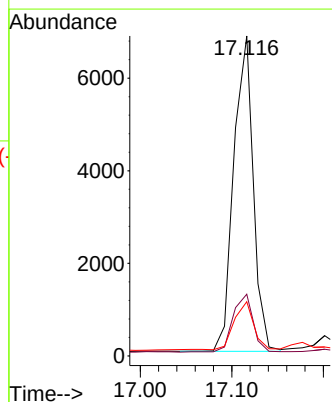
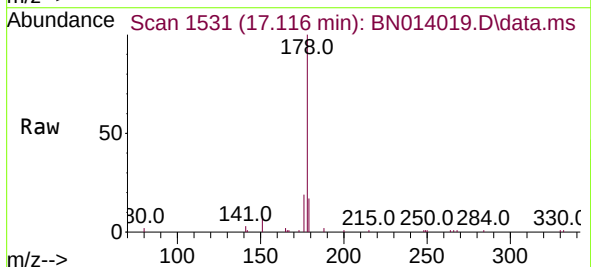
Instrument :
BNA_N
ClientSampleId :
GWBR1-219-236-031921-FD

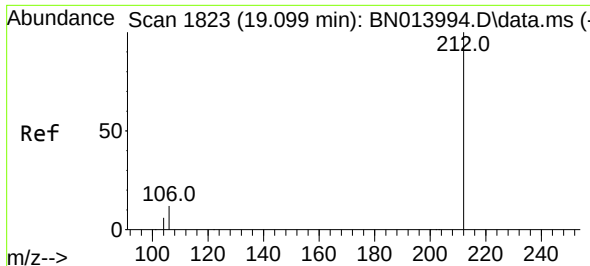
Tgt Ion:	198	Resp:	151
Ion	Ratio	Lower	Upper
198	100		
51	345.6	61.7	92.5#
105	166.2	33.0	49.6#



#25
Phenanthrene
Concen: 0.15 ng
RT: 17.116 min Scan# 1531
Delta R.T. 0.012 min
Lab File: BN014019.D
Acq: 22 Mar 2021 18:54

Tgt Ion:	178	Resp:	10067
Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	16.3	12.3	18.5





#27

Fluoranthene-d10

Concen: 0.44 ng

RT: 19.104 min Scan# 1824

Delta R.T. 0.005 min

Lab File: BN014019.D

Acq: 22 Mar 2021 18:54

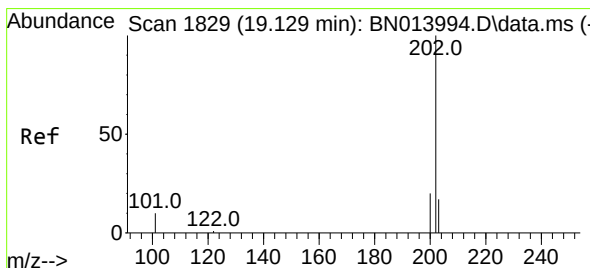
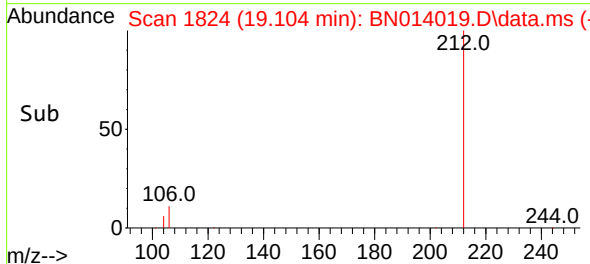
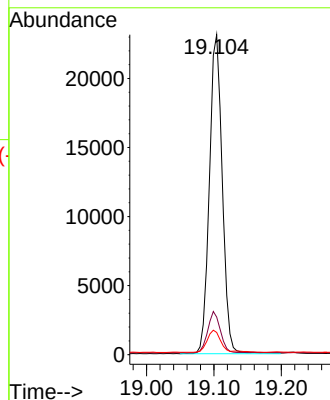
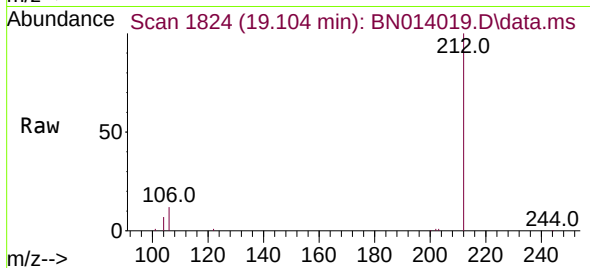
Tgt Ion:212	Resp:	30644
Ion Ratio	Lower	Upper
212	100	
106	12.7	9.7 14.5
104	7.0	5.5 8.3

Instrument :

BNA_N

ClientSampleId :

GWBR1-219-236-031921-FD



#28

Fluoranthene

Concen: 0.13 ng

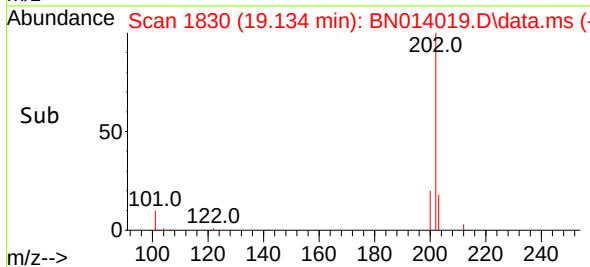
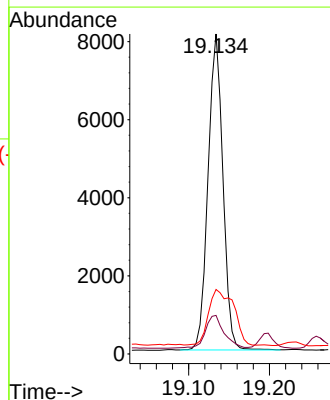
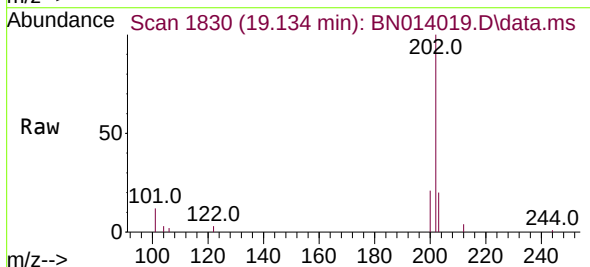
RT: 19.134 min Scan# 1830

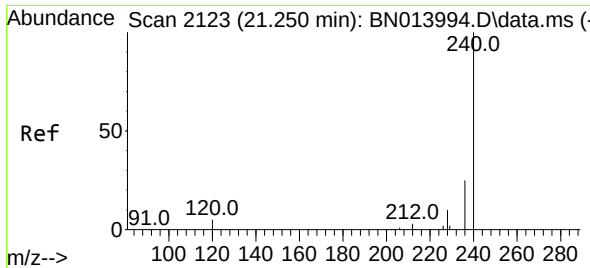
Delta R.T. 0.005 min

Lab File: BN014019.D

Acq: 22 Mar 2021 18:54

Tgt Ion:202	Resp:	10350
Ion Ratio	Lower	Upper
202	100	
101	13.1	8.1 12.1#
203	29.8	13.9 20.9#

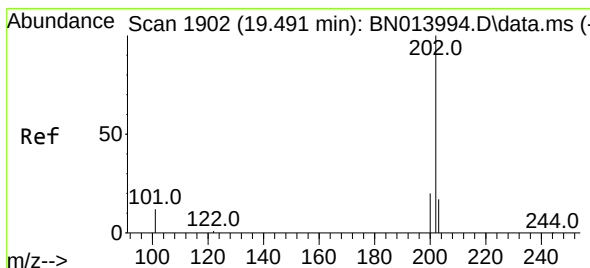
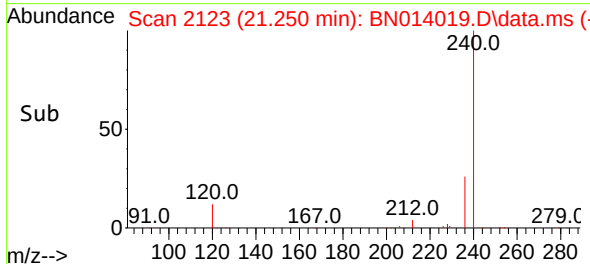
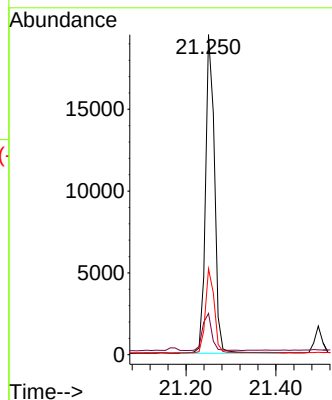
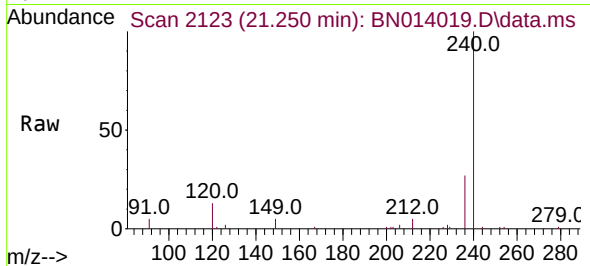




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.250 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BN014019.D
Acq: 22 Mar 2021 18:54

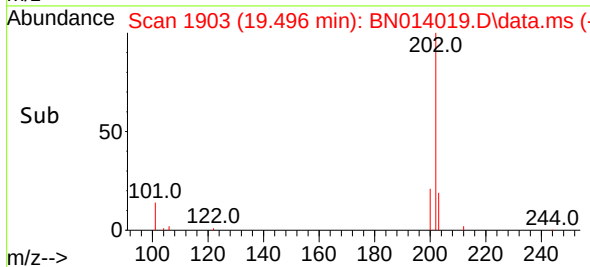
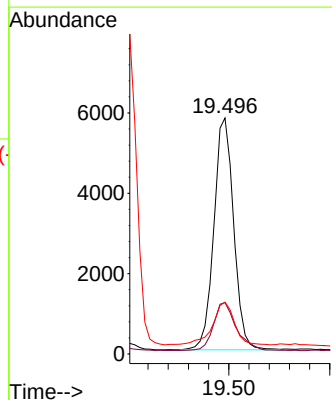
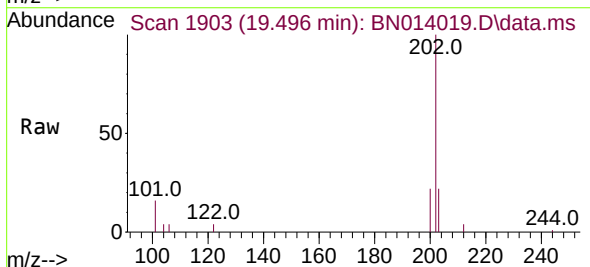
Instrument :
BNA_N
ClientSampleId :
GWBR1-219-236-031921-FD

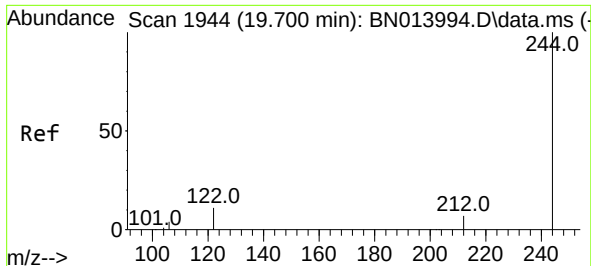
Tgt Ion:	240	Resp:	26987
Ion Ratio	Lower	Upper	
240	100		
120	12.9	10.2	15.4
236	26.9	21.3	31.9



#30
Pyrene
Concen: 0.10 ng
RT: 19.496 min Scan# 1903
Delta R.T. 0.005 min
Lab File: BN014019.D
Acq: 22 Mar 2021 18:54

Tgt Ion:	202	Resp:	7864
Ion Ratio	Lower	Upper	
202	100		
200	24.2	16.3	24.5
203	20.1	14.0	21.0

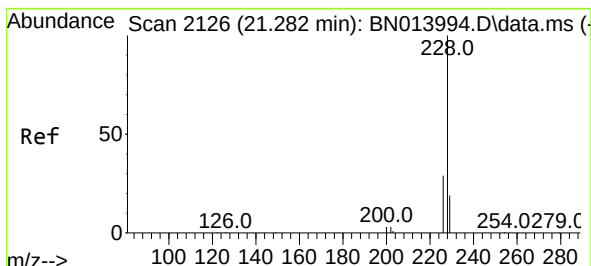
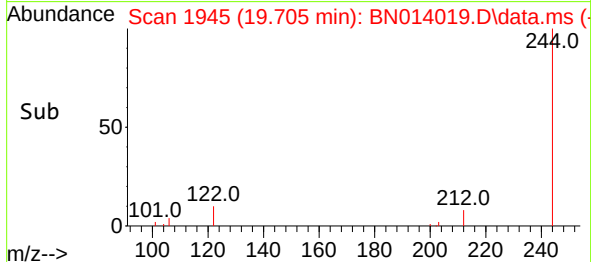
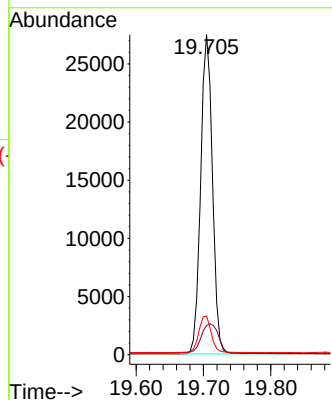
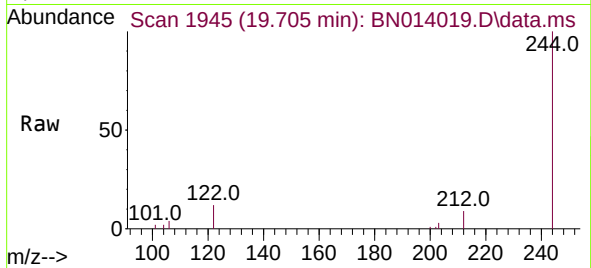




#31
Terphenyl-d14
Concen: 0.56 ng
RT: 19.705 min Scan# 1945
Delta R.T. 0.005 min
Lab File: BN014019.D
Acq: 22 Mar 2021 18:54

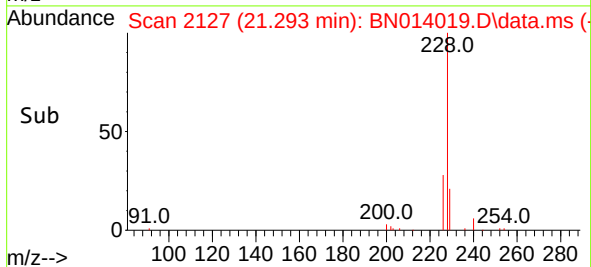
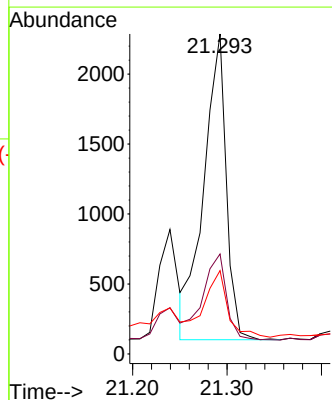
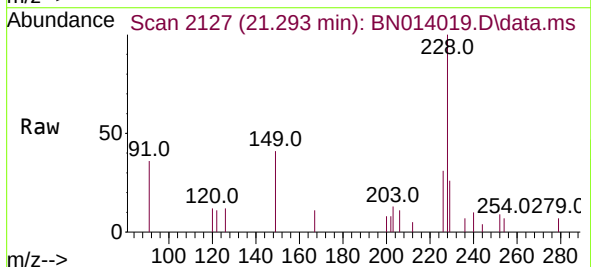
Instrument :
BNA_N
ClientSampleId :
GWBR1-219-236-031921-FD

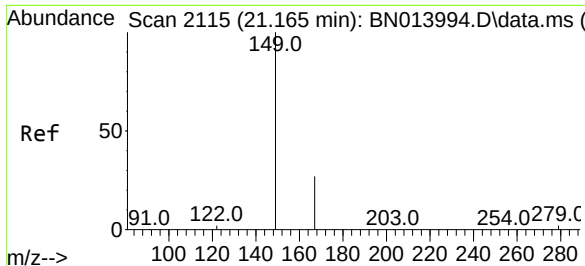
Tgt Ion:244 Resp: 33375
Ion Ratio Lower Upper
244 100
212 9.1 6.1 9.1
122 12.1 9.8 14.8



#33
Chrysene
Concen: 0.04 ng
RT: 21.293 min Scan# 2127
Delta R.T. 0.011 min
Lab File: BN014019.D
Acq: 22 Mar 2021 18:54

Tgt Ion:228 Resp: 3609
Ion Ratio Lower Upper
228 100
226 31.2 24.3 36.5
229 26.0 15.1 22.7#

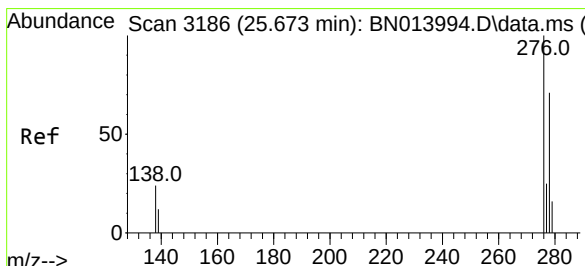
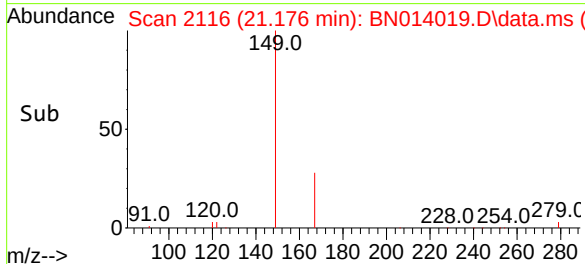
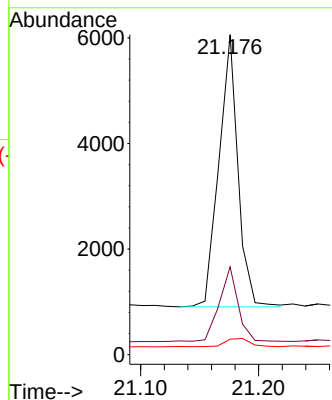
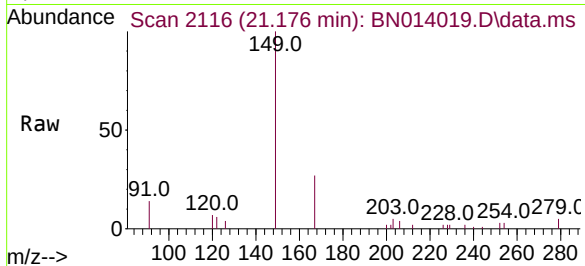




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.20 ng
 RT: 21.176 min Scan# 2116
 Delta R.T. 0.011 min
 Lab File: BN014019.D
 Acq: 22 Mar 2021 18:54

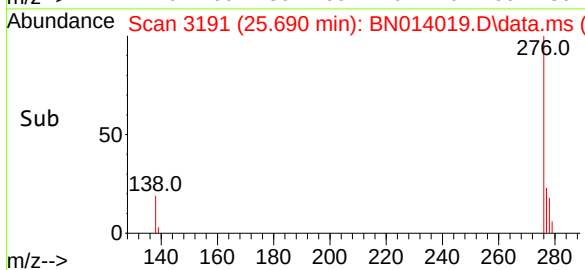
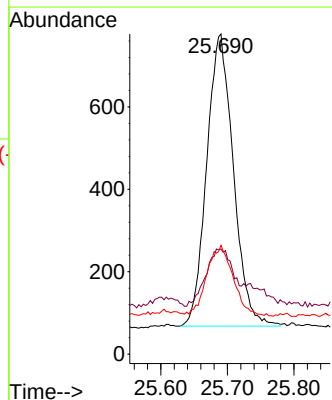
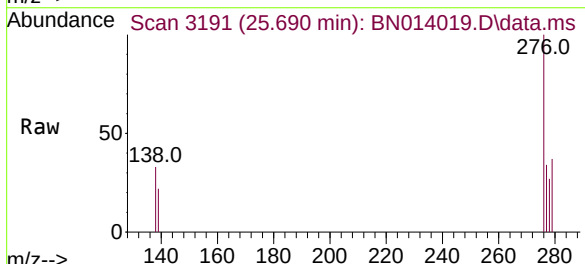
Instrument :
 BNA_N
 ClientSampleId :
 GWBR1-219-236-031921-FD

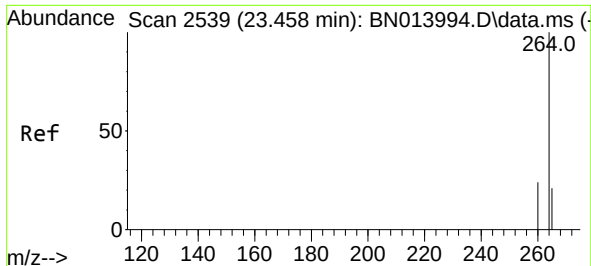
Tgt Ion:	149	Resp:	5766
Ion Ratio	Lower	Upper	
149	100		
167	27.6	22.1	33.1
279	4.3	3.5	5.3



#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.02 ng
 RT: 25.690 min Scan# 3191
 Delta R.T. 0.017 min
 Lab File: BN014019.D
 Acq: 22 Mar 2021 18:54

Tgt Ion:	276	Resp:	1970
Ion Ratio	Lower	Upper	
276	100		
138	20.1	19.8	29.6
277	23.5	19.9	29.9

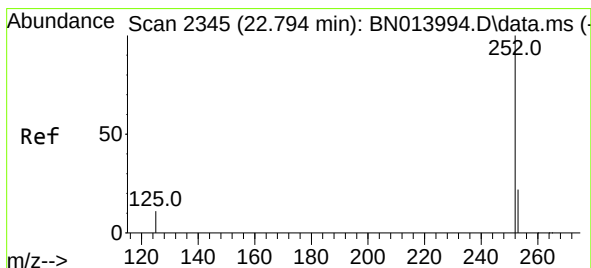
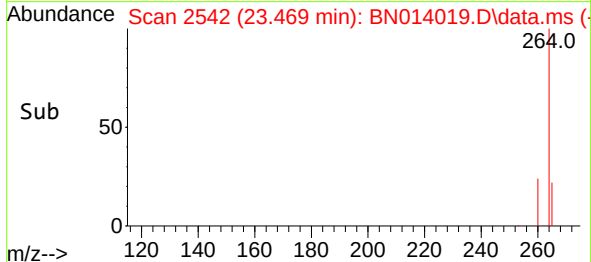
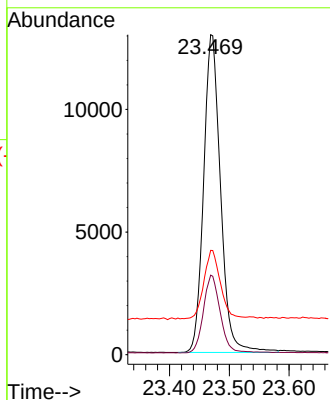
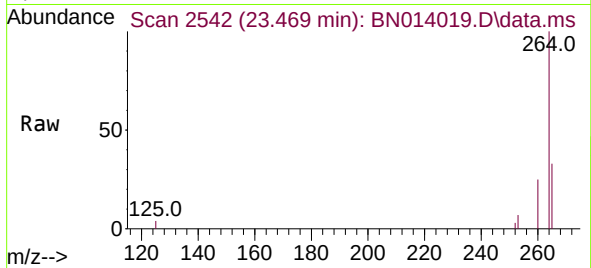




#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.469 min Scan# 2542
 Delta R.T. 0.010 min
 Lab File: BN014019.D
 Acq: 22 Mar 2021 18:54

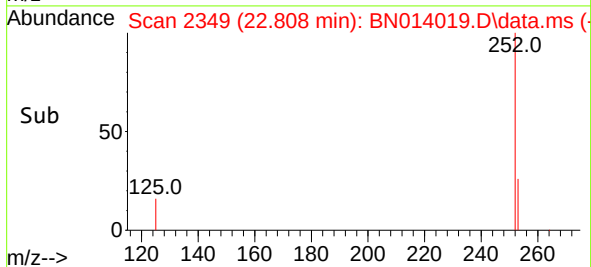
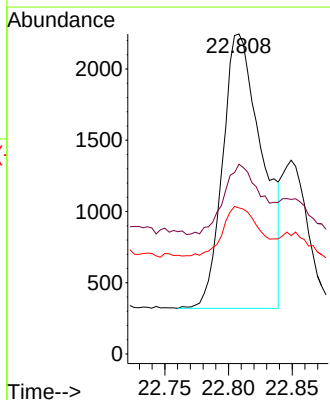
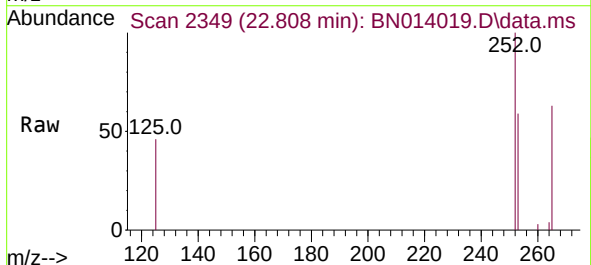
Instrument :
 BNA_N
 ClientSampleId :
 GWBR1-219-236-031921-FD

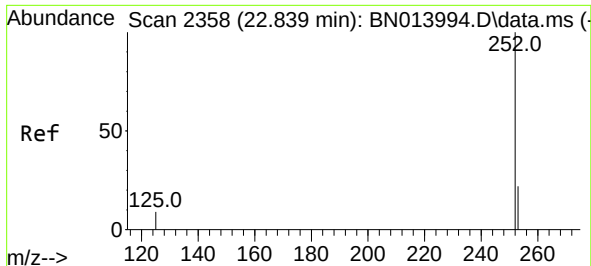
Tgt Ion:264	Resp:	25527
Ion Ratio	Lower	Upper
264	100	
260	24.9	19.3 28.9
265	32.6	66.2 99.4#



#37
 Benzo(b)fluoranthene
 Concen: 0.04 ng
 RT: 22.808 min Scan# 2349
 Delta R.T. 0.014 min
 Lab File: BN014019.D
 Acq: 22 Mar 2021 18:54

Tgt Ion:252	Resp:	4161
Ion Ratio	Lower	Upper
252	100	
253	59.3	20.4 30.6#
125	45.7	11.6 17.4#

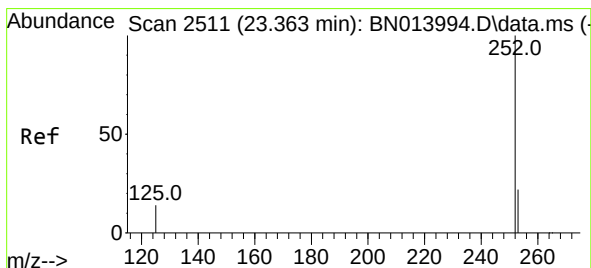
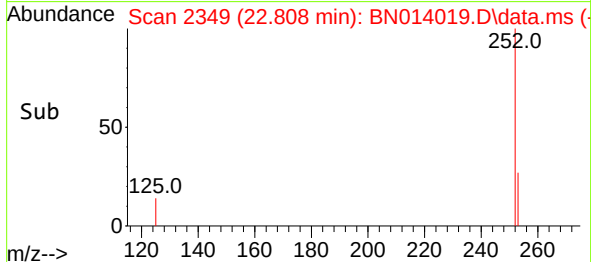
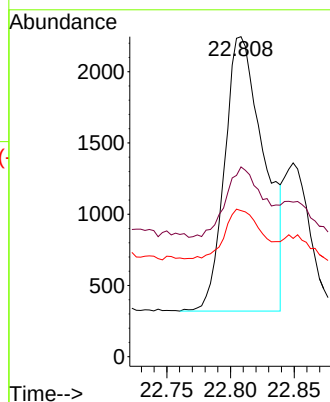
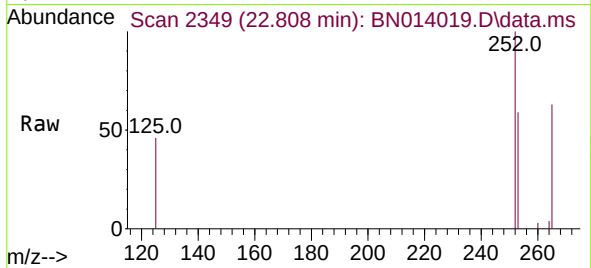




#38
Benzo(k)fluoranthene
Concen: 0.05 ng
RT: 22.808 min Scan# 2349
Delta R.T. -0.031 min
Lab File: BN014019.D
Acq: 22 Mar 2021 18:54

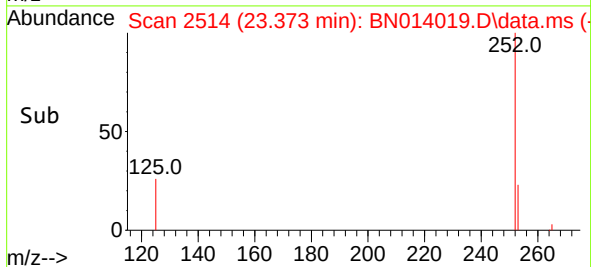
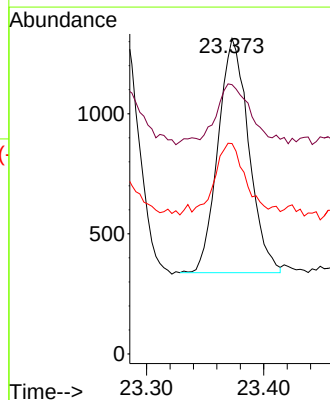
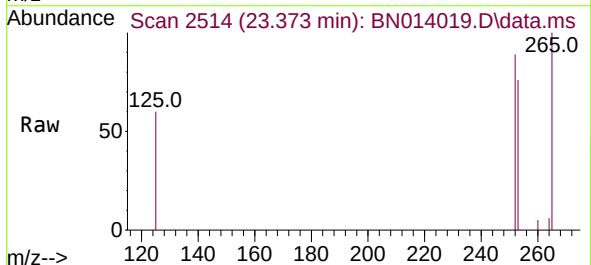
Instrument :
BNA_N
ClientSampleId :
GWBR1-219-236-031921-FD

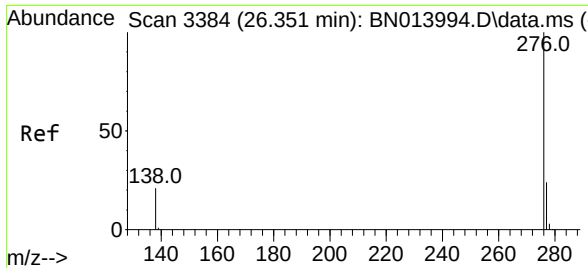
Tgt Ion:252 Resp: 4161
Ion Ratio Lower Upper
252 100
253 59.3 20.5 30.7#
125 45.7 12.3 18.5#



#39
Benzo(a)pyrene
Concen: 0.02 ng
RT: 23.373 min Scan# 2514
Delta R.T. 0.010 min
Lab File: BN014019.D
Acq: 22 Mar 2021 18:54

Tgt Ion:252 Resp: 1783
Ion Ratio Lower Upper
252 100
253 85.4 21.8 32.6#
125 66.7 14.6 21.8#





#41
Benzo(g,h,i)perylene
Concen: 0.02 ng
RT: 26.371 min Scan# 3390
Delta R.T. 0.021 min
Lab File: BN014019.D
Acq: 22 Mar 2021 18:54

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

Tgt Ion:276 Resp: 1822
Ion Ratio Lower Upper
276 100
277 35.7 20.0 30.0#
138 36.2 17.8 26.8#

