

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)

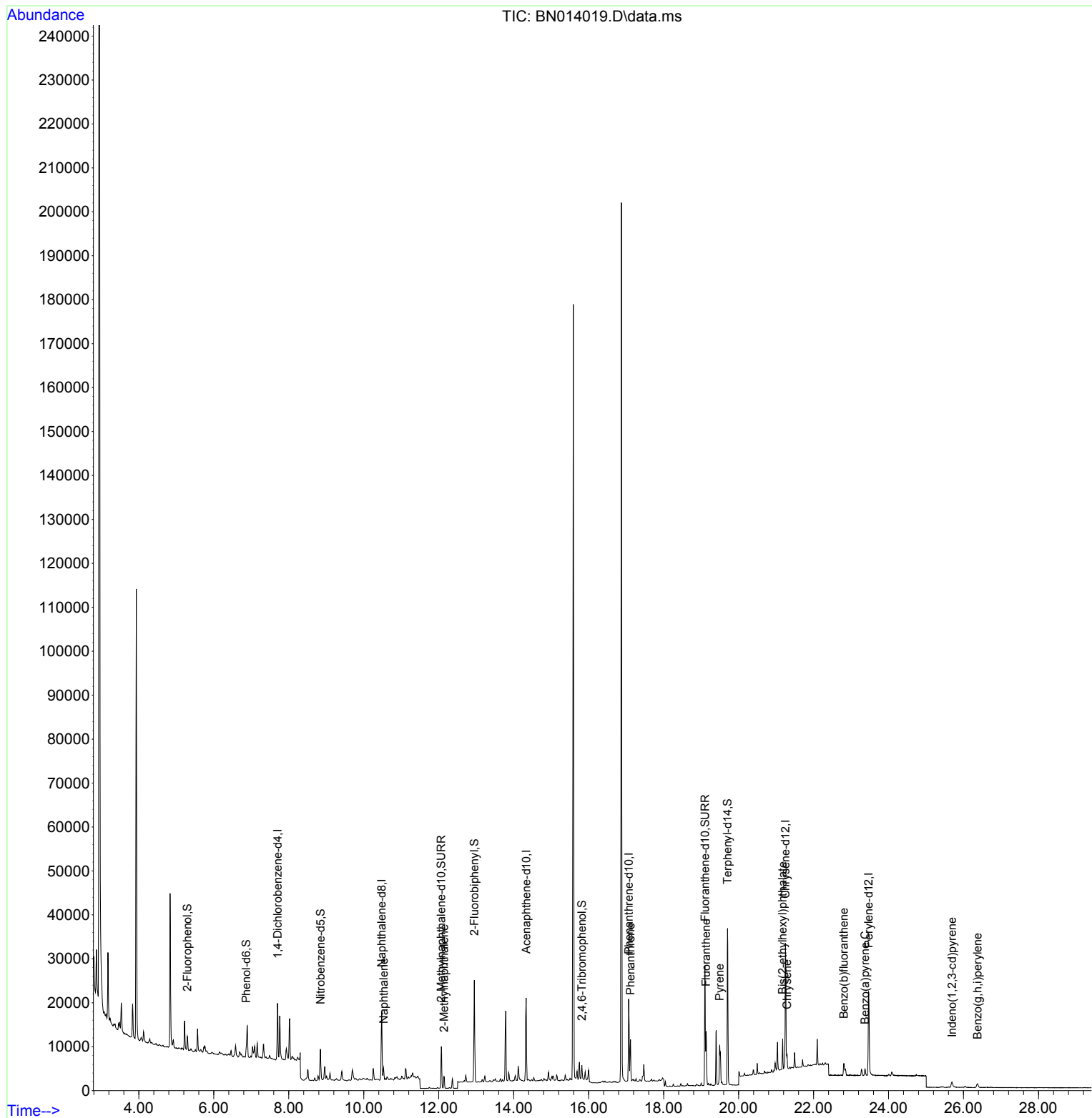
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.700	152	5349	0.40	ng	0.00
7) Naphthalene-d8	10.480	136	20517	0.40	ng	0.00
13) Acenaphthene-d10	14.334	164	11521	0.40	ng	0.00
19) Phenanthrene-d10	17.068	188	25326	0.40	ng	0.00
29) Chrysene-d12	21.250	240	26987	0.40	ng	0.00
36) Perylene-d12	23.469	264	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
9) Naphthalene	10.530	128	3405	0.07	ng	# 93
12) 2-Methylnaphthalene	12.142	142	1904	0.06	ng	# 95
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
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

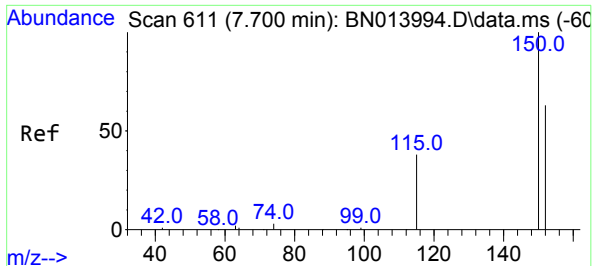
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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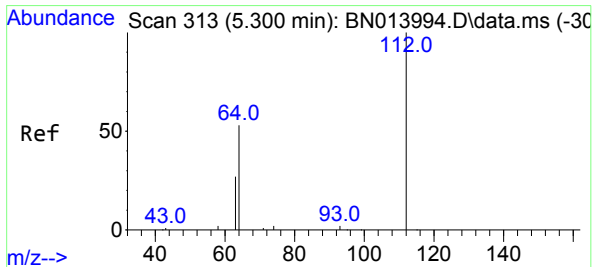
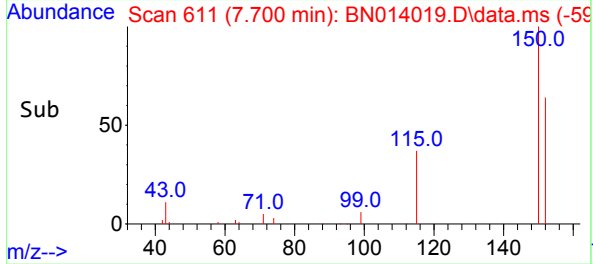
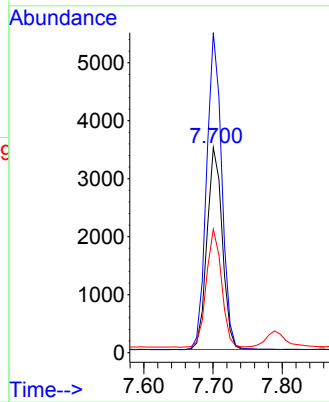
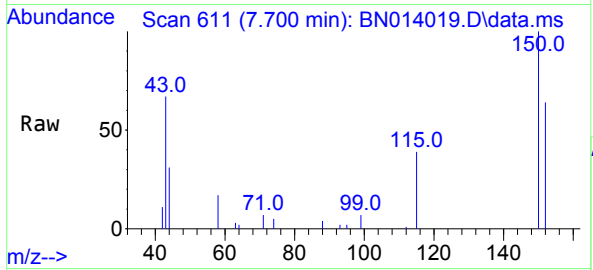




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.700 min Scan# 611
Delta R.T. 0.000 min
Lab File: BN014019.D
Acq: 22 Mar 2021 18:54

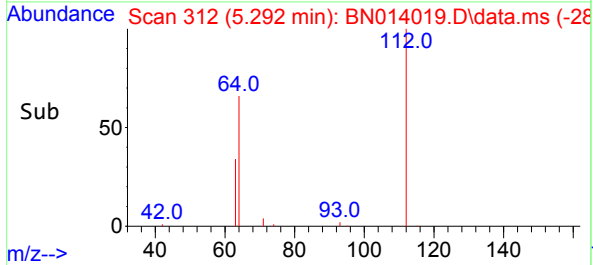
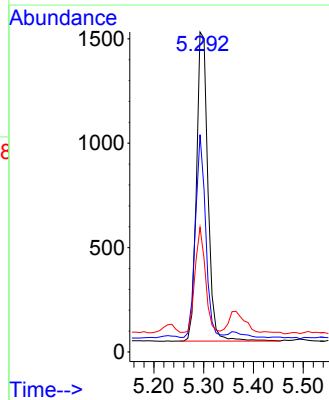
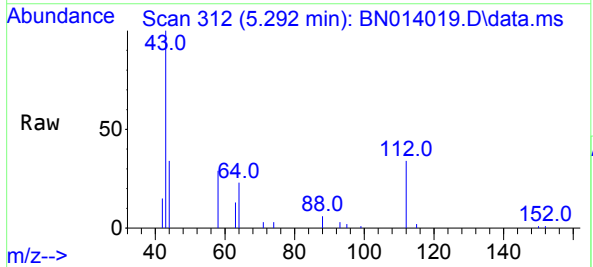
Instrument :
BNA_N
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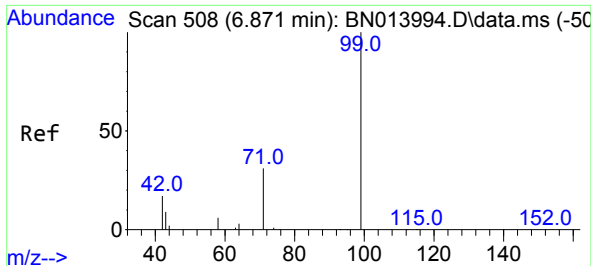
Tgt Ion:152 Resp: 5349
Ion Ratio Lower Upper
152 100
150 156.0 121.8 182.8
115 60.2 46.6 69.8



#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

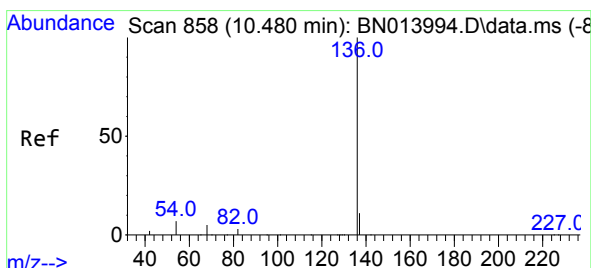
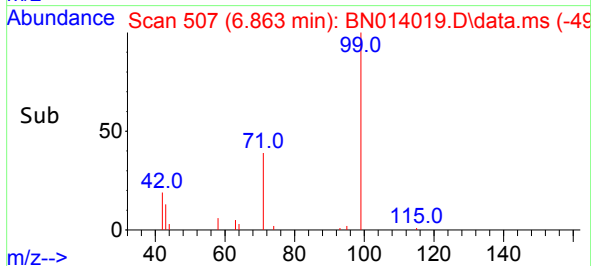
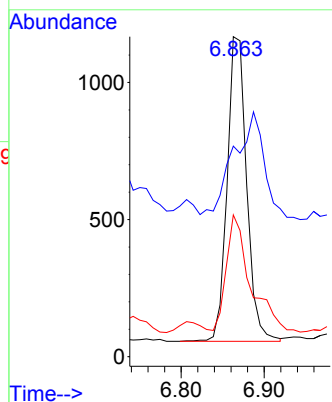
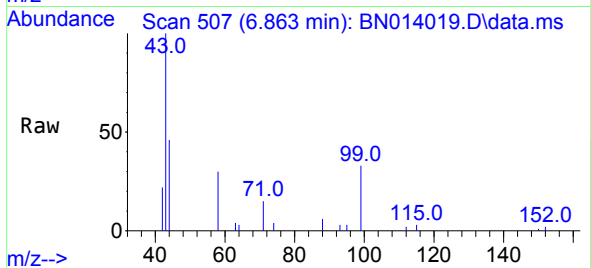




#5
Phenol-d6
Concen: 0.12 ng
RT: 6.863 min Scan# 507
Delta R.T. -0.008 min
Lab File: BN014019.D
Acq: 22 Mar 2021 18:54

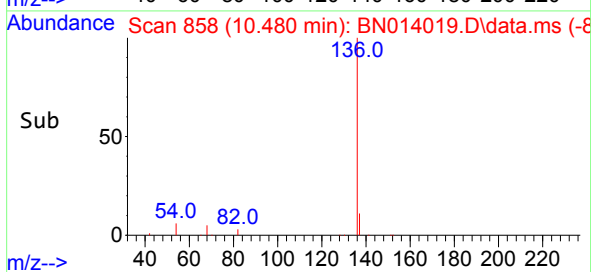
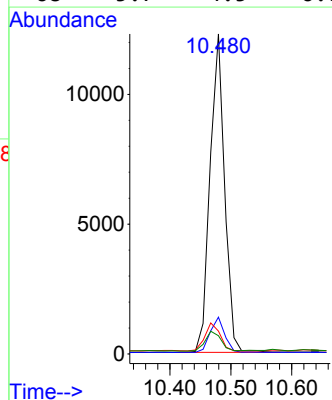
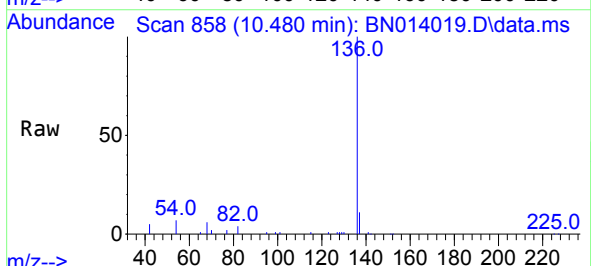
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ClientSampleId :
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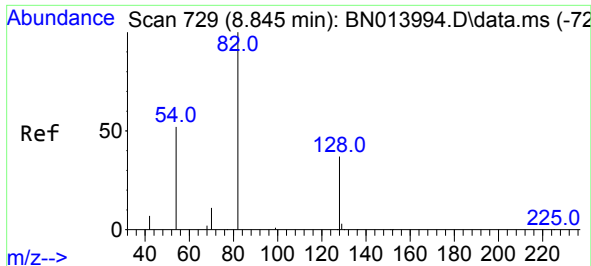
Tgt Ion: 99 Resp: 1816
Ion Ratio Lower Upper
99 100
42 0.0 15.2 22.8#
71 47.7 26.1 39.1#



#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

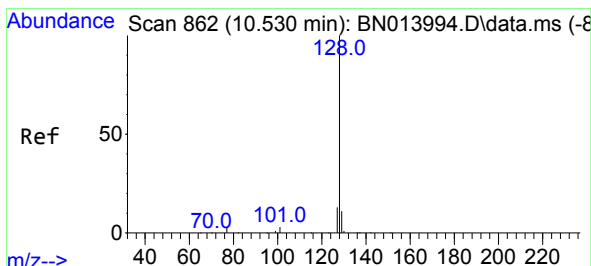
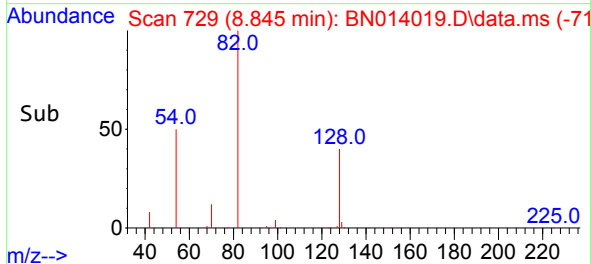
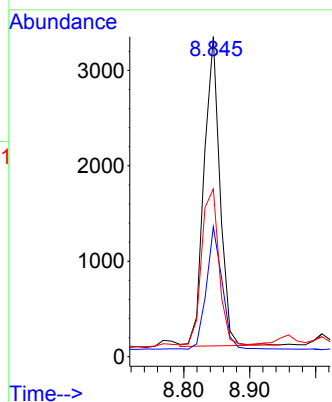
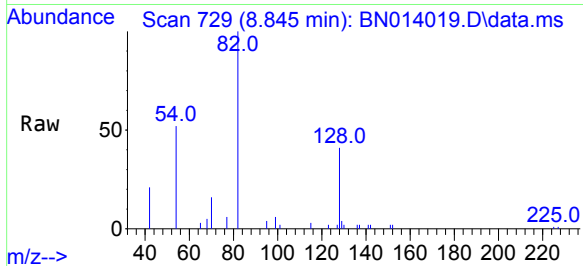




#8
Nitrobenzene-d5
Concen: 0.40 ng
RT: 8.845 min Scan# 729
Delta R.T. 0.000 min
Lab File: BN014019.D
Acq: 22 Mar 2021 18:54

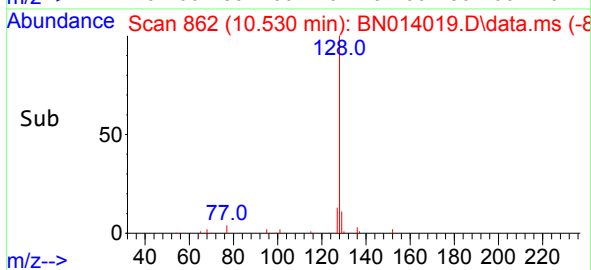
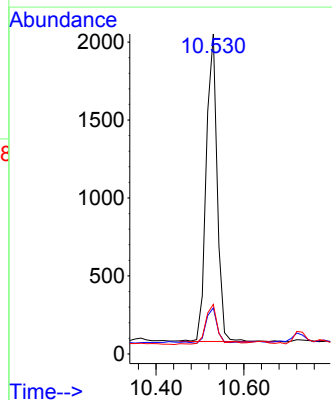
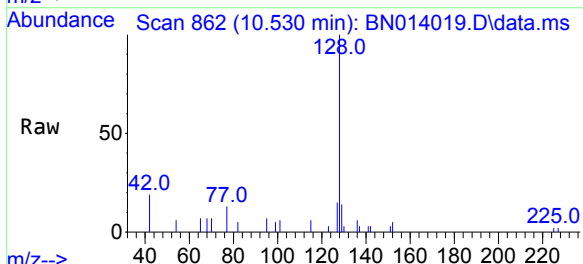
Instrument :
BNA_N
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GWBR1-219-236-031921-FD

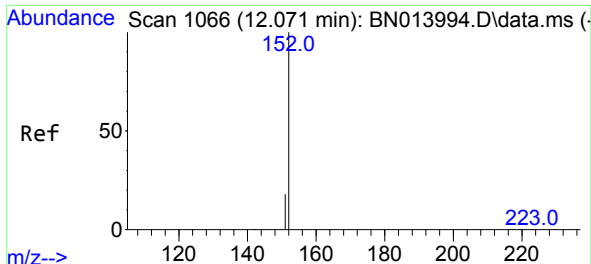
Tgt Ion: 82 Resp: 5425
Ion Ratio Lower Upper
82 100
128 40.6 39.2 58.8
54 52.4 40.1 60.1



#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: 128 Resp: 3405
Ion Ratio Lower Upper
128 100
129 14.4 9.0 13.4#
127 15.5 10.4 15.6

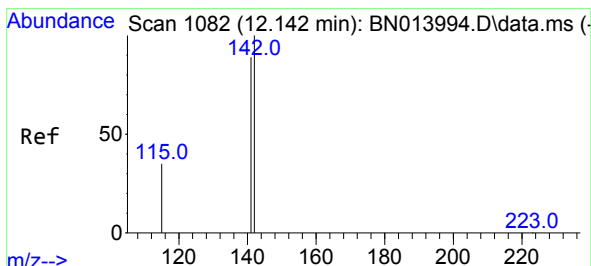
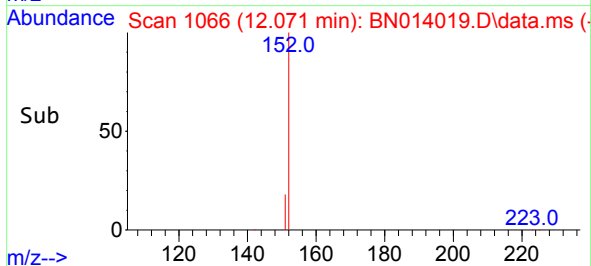
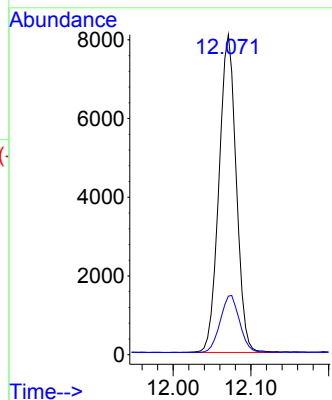
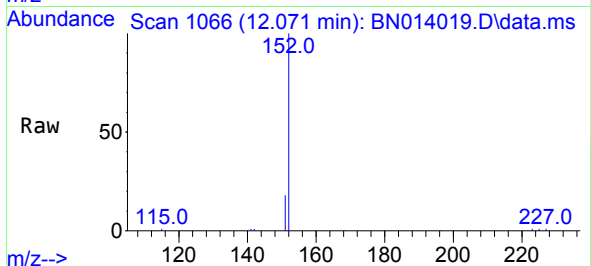




#11
2-Methylnaphthalene-d10
Concen: 0.39 ng
RT: 12.071 min Scan# 1066
Delta R.T. 0.000 min
Lab File: BN014019.D
Acq: 22 Mar 2021 18:54

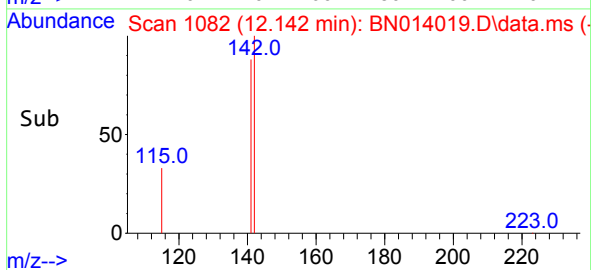
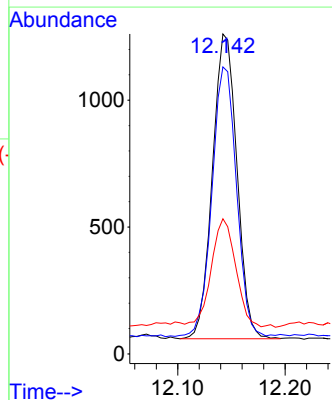
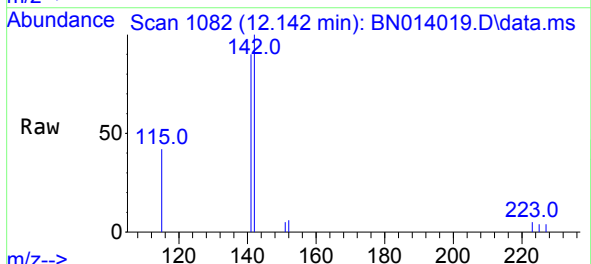
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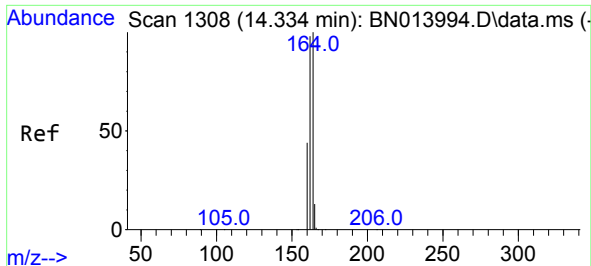
Tgt Ion:152 Resp: 12439
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2



#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#

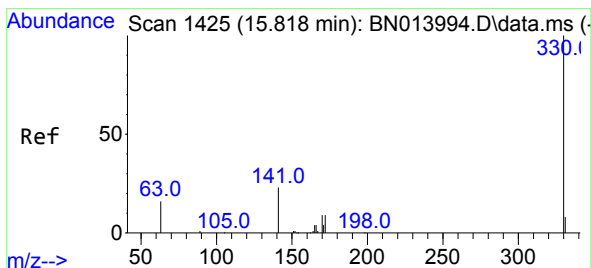
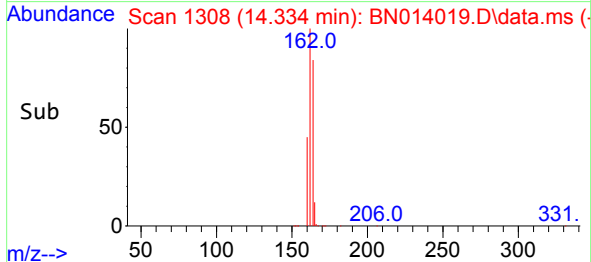
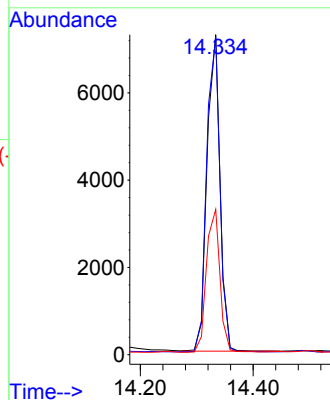
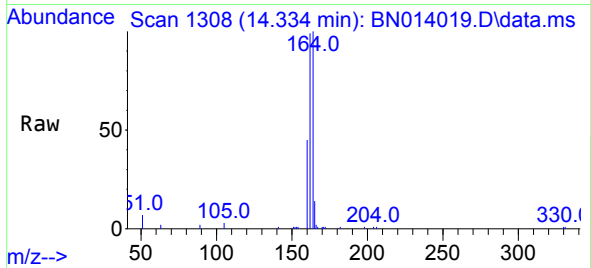




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.334 min Scan# 1308
Delta R.T. 0.000 min
Lab File: BN014019.D
Acq: 22 Mar 2021 18:54

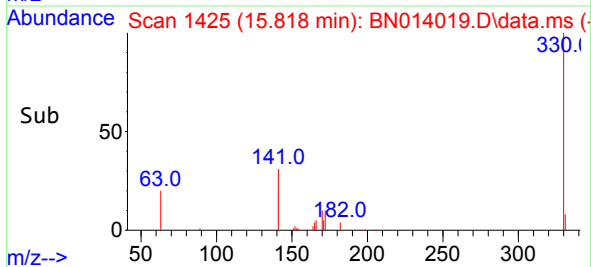
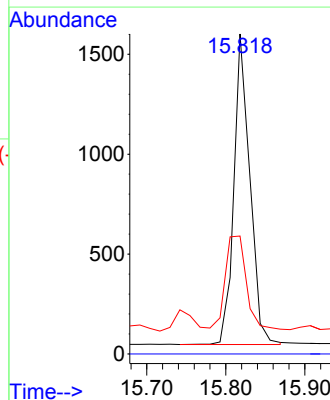
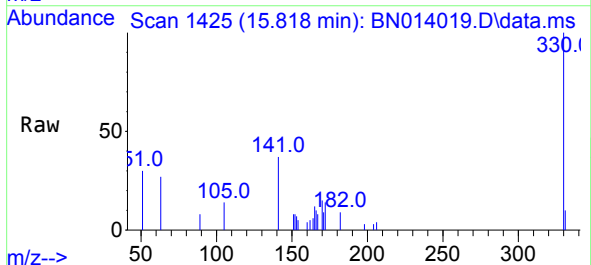
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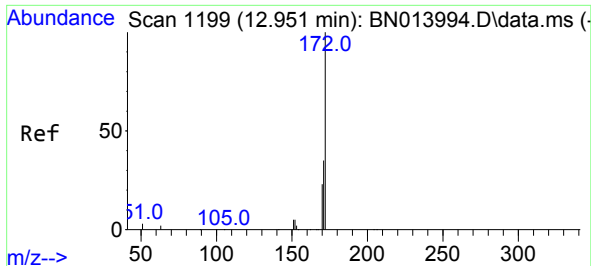
Tgt Ion:164 Resp: 11521
Ion Ratio Lower Upper
164 100
162 99.3 79.6 119.4
160 45.4 36.0 54.0



#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

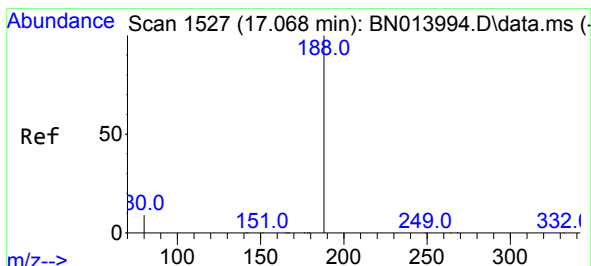
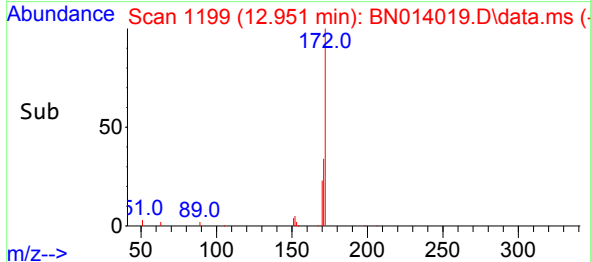
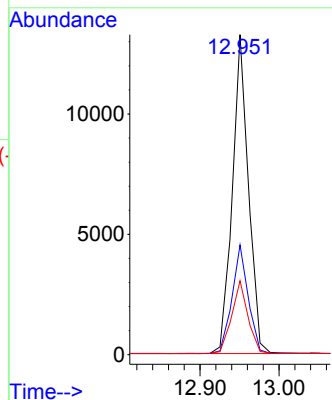
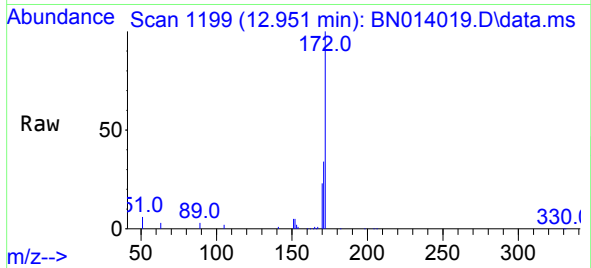




#15
2-Fluorobiphenyl
Concen: 0.43 ng
RT: 12.951 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BN014019.D
Acq: 22 Mar 2021 18:54

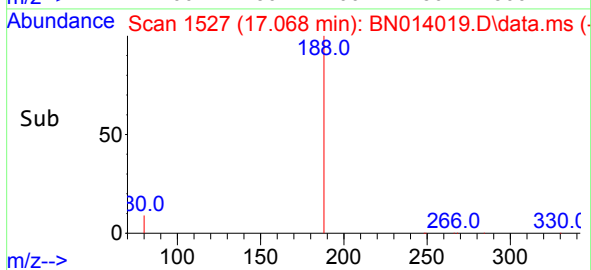
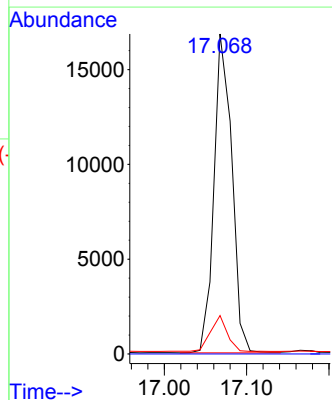
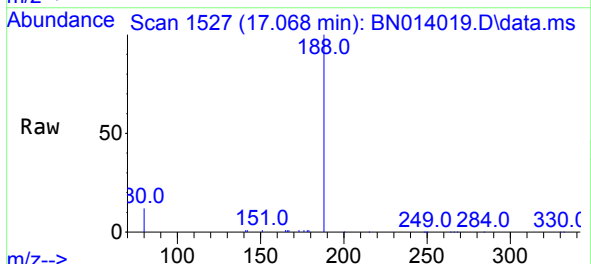
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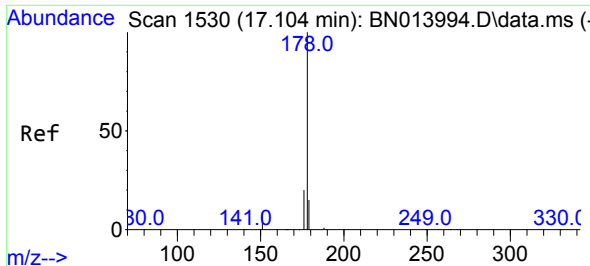
Tgt Ion:172 Resp: 18684
Ion Ratio Lower Upper
172 100
171 34.3 28.6 42.8
170 23.1 18.9 28.3



#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

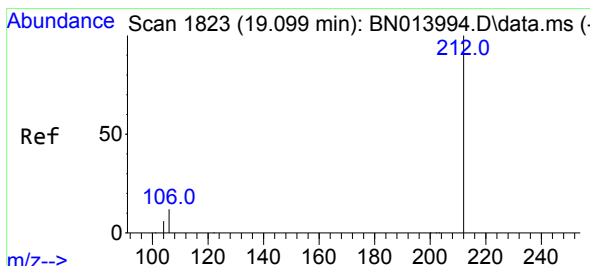
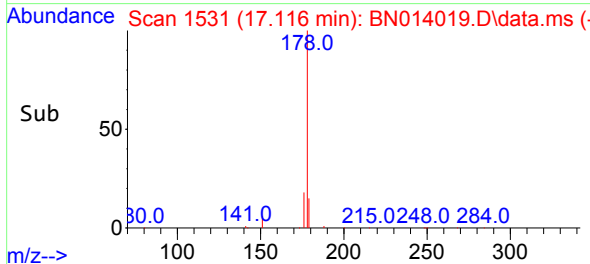
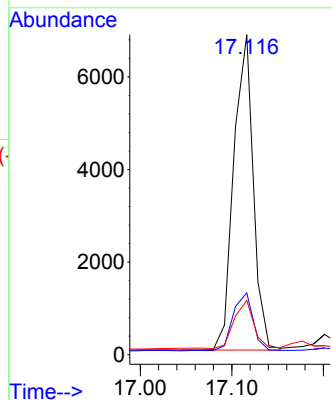
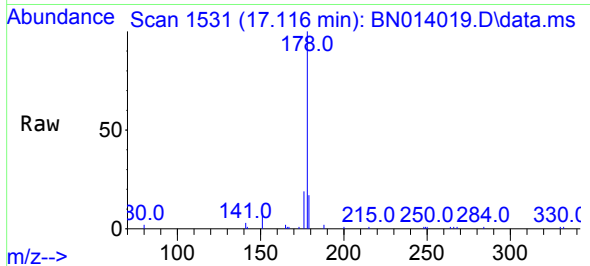




#25
Phenanthrene
Concen: 0.15 ng
RT: 17.116 min Scan# 1531
Delta R.T. 0.012 min
Lab File: BN014019.D
Acq: 22 Mar 2021 18:54

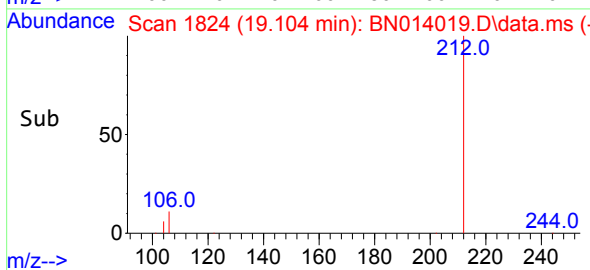
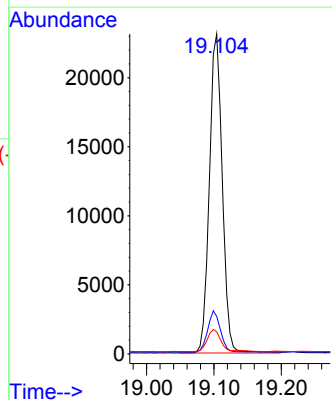
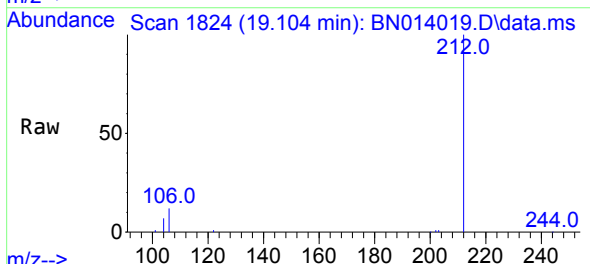
Instrument :
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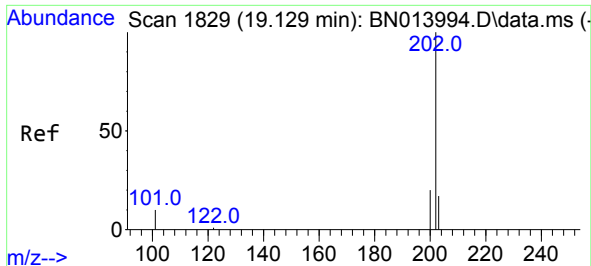
Tgt Ion:	178	Resp:	10067
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.0	22.4
179	16.3	12.3	18.5



#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

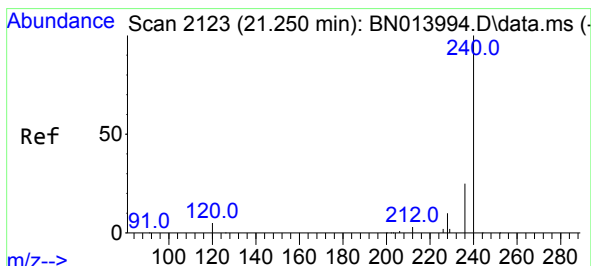
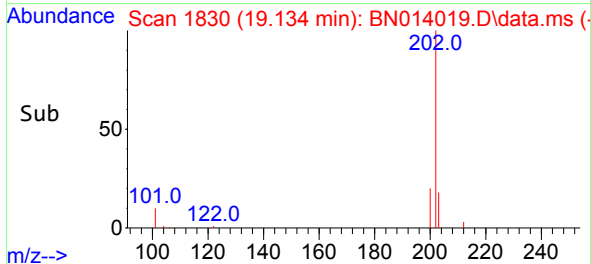
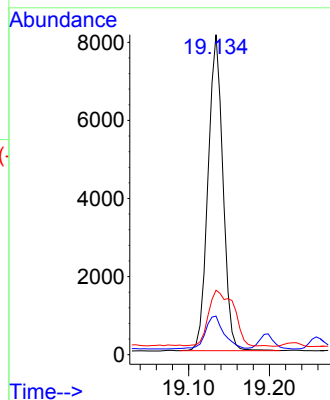
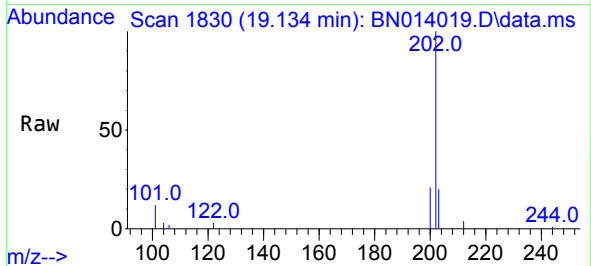




#28
Fluoranthene
Concen: 0.13 ng
RT: 19.134 min Scan# 1830
Delta R.T. 0.005 min
Lab File: BN014019.D
Acq: 22 Mar 2021 18:54

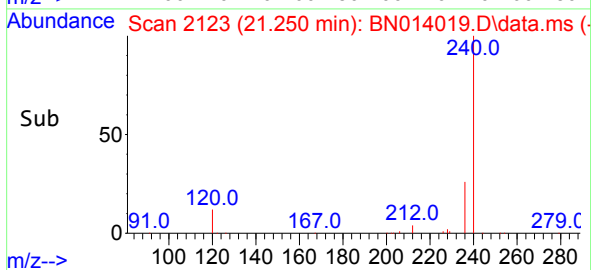
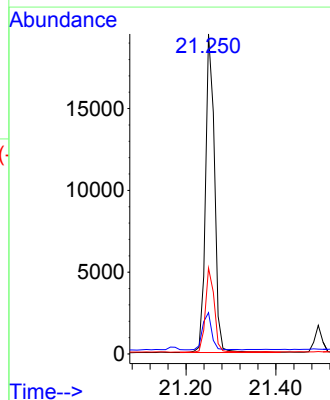
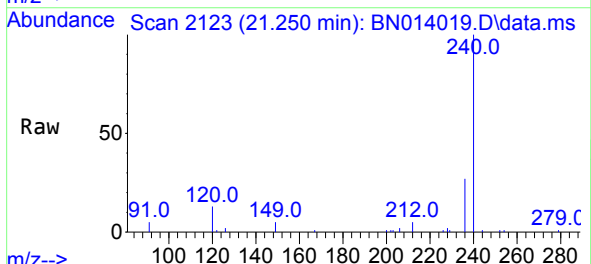
Instrument :
BNA_N
ClientSampleId :
GWBR1-219-236-031921-FD

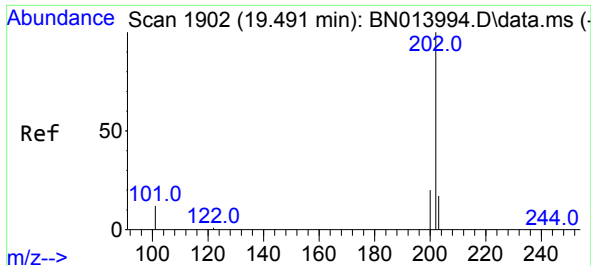
Tgt Ion:202 Resp: 10350
Ion Ratio Lower Upper
202 100
101 13.1 8.1 12.1#
203 29.8 13.9 20.9#



#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

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

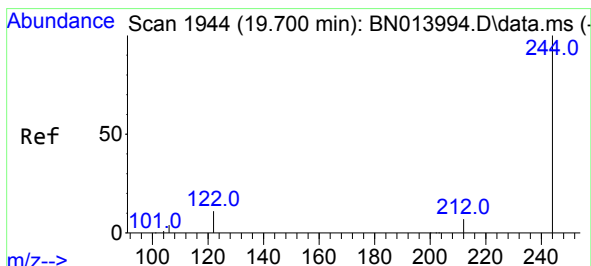
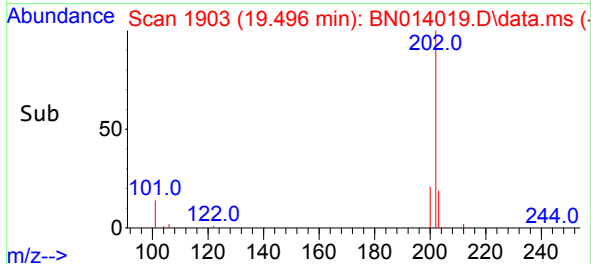
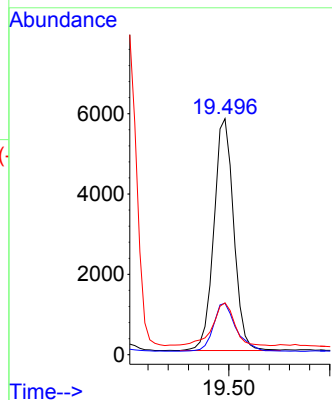
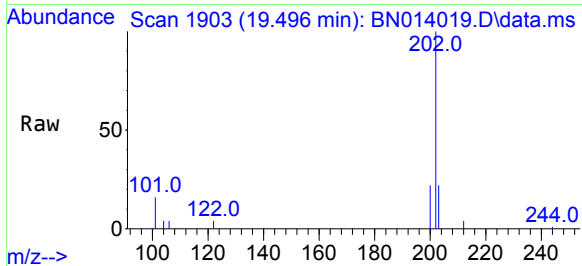




#30
Pyrene
Concen: 0.10 ng
RT: 19.496 min Scan# 1903
Delta R.T. 0.005 min
Lab File: BN014019.D
Acq: 22 Mar 2021 18:54

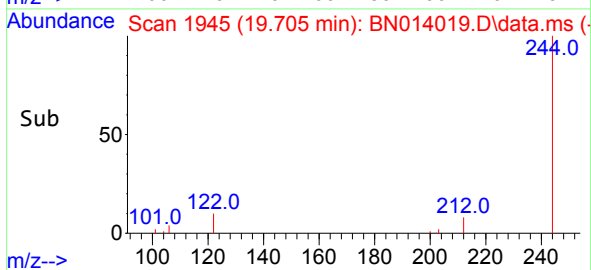
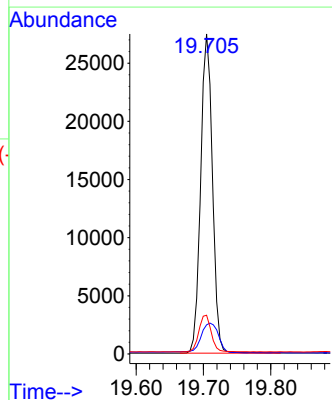
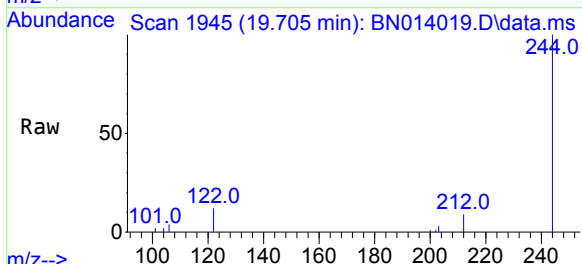
Instrument :
BNA_N
ClientSampleId :
GWBR1-219-236-031921-FD

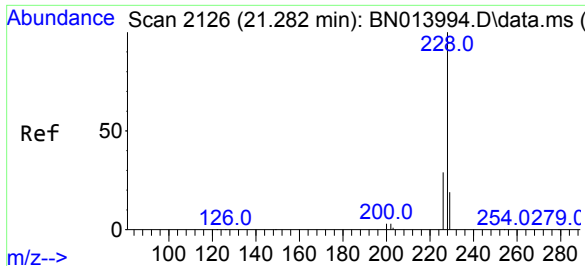
Tgt Ion:202	Resp:	7864
Ion Ratio	Lower	Upper
202	100	
200	24.2	16.3 24.5
203	20.1	14.0 21.0



#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

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

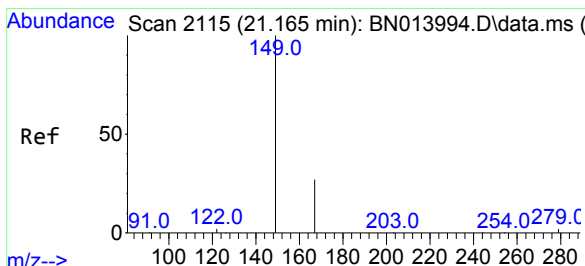
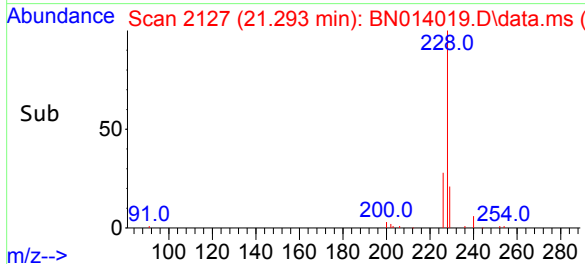
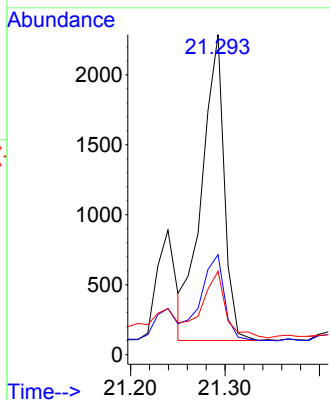
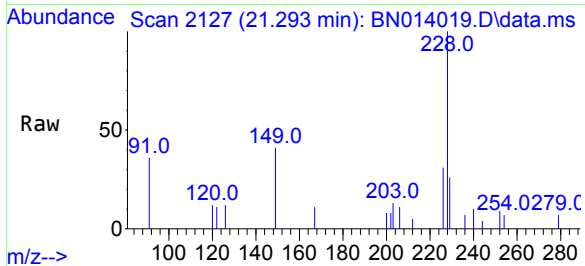




#33
Chrysene
Concen: 0.04 ng
RT: 21.293 min Scan# 2127
Delta R.T. 0.011 min
Lab File: BN014019.D
Acq: 22 Mar 2021 18:54

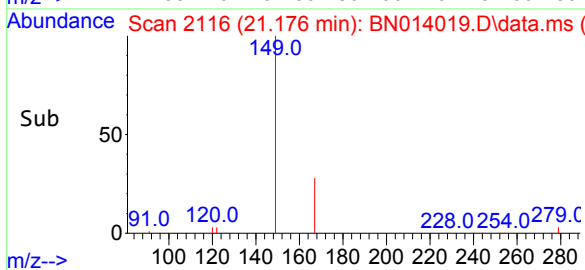
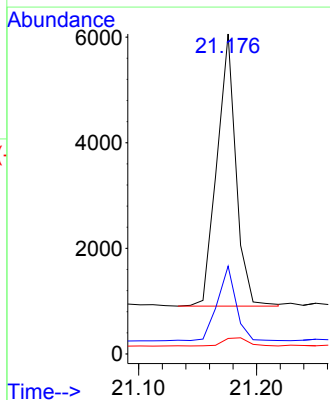
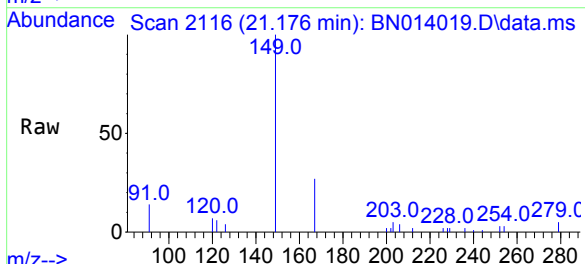
Instrument :
BNA_N
ClientSampleId :
GWBR1-219-236-031921-FD

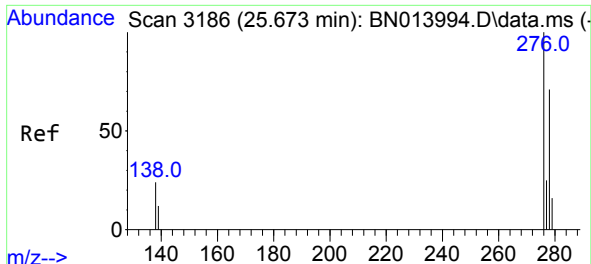
Tgt Ion:228	Resp:	3609
Ion Ratio	Lower	Upper
228	100	
226	31.2	24.3 36.5
229	26.0	15.1 22.7#



#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

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

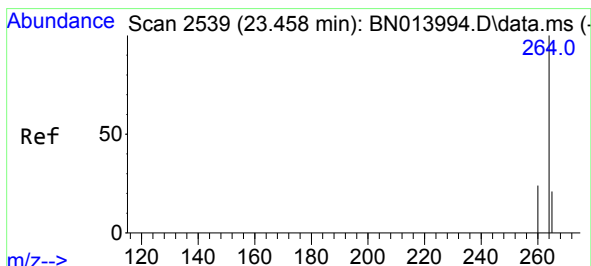
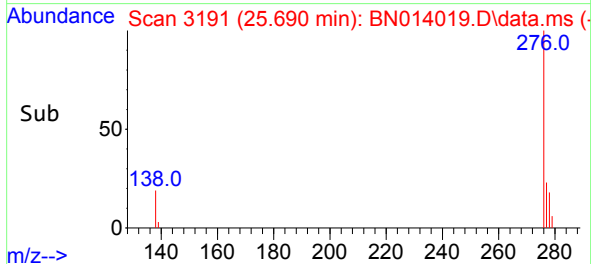
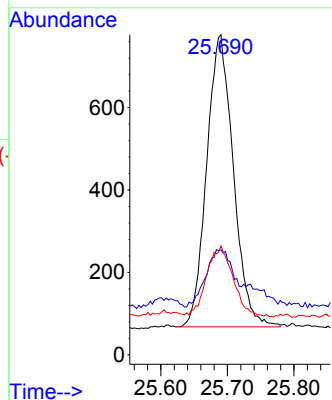
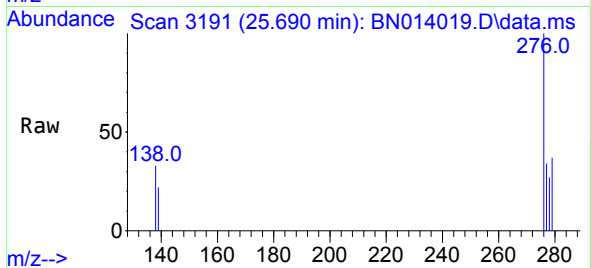




#35
Indeno(1,2,3-cd)pyrene
Concen: 0.02 ng
RT: 25.690 min Scan# 3191
Delta R.T. 0.017 min
Lab File: BN014019.D
Acq: 22 Mar 2021 18:54

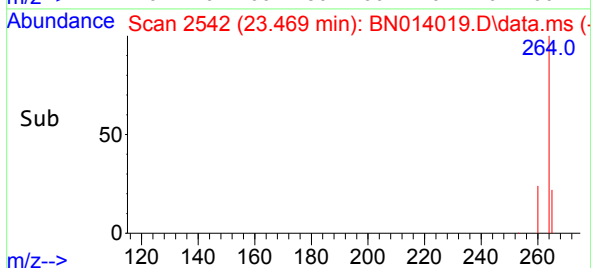
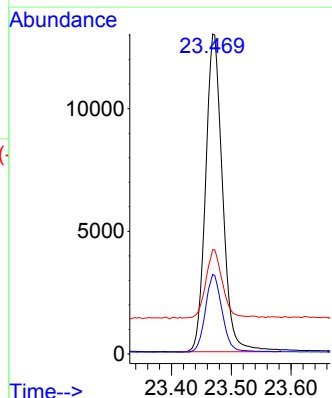
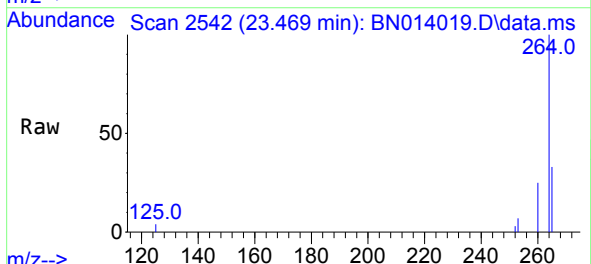
Instrument :
BNA_N
ClientSampleId :
GWBR1-219-236-031921-FD

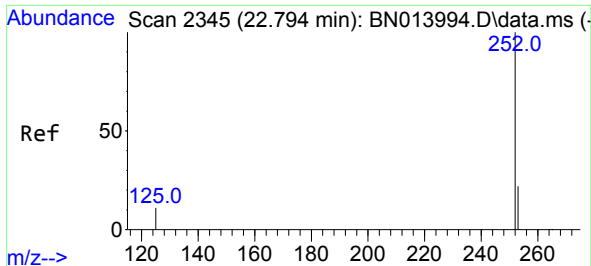
Tgt Ion:276 Resp: 1970
Ion Ratio Lower Upper
276 100
138 20.1 19.8 29.6
277 23.5 19.9 29.9



#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

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#

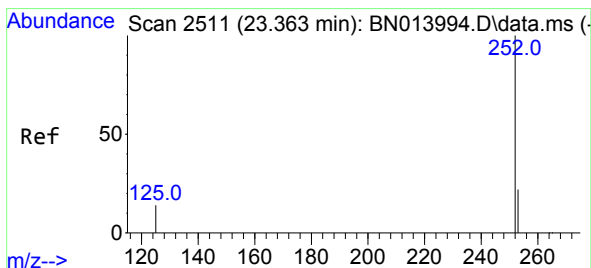
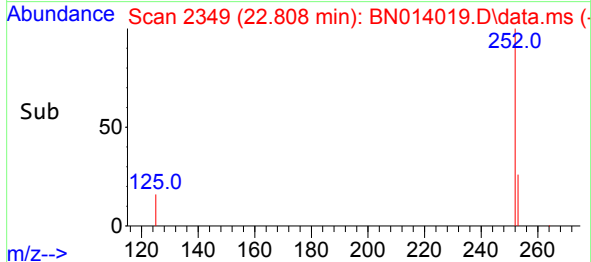
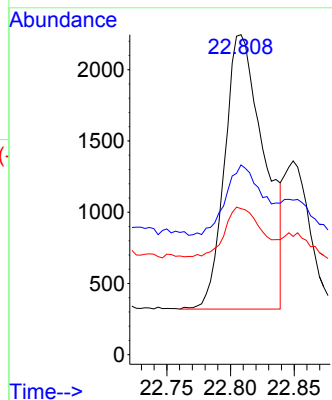
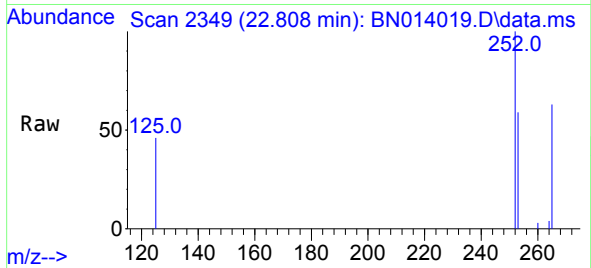




#37
Benzo(b)fluoranthene
Concen: 0.04 ng
RT: 22.808 min Scan# 2349
Delta R.T. 0.014 min
Lab File: BN014019.D
Acq: 22 Mar 2021 18:54

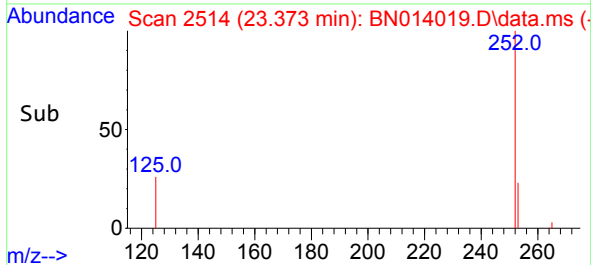
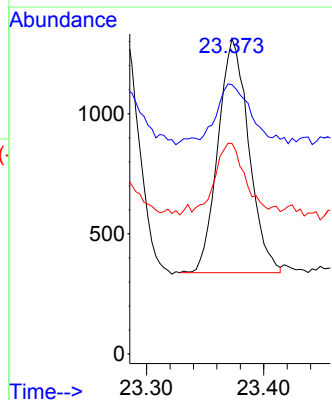
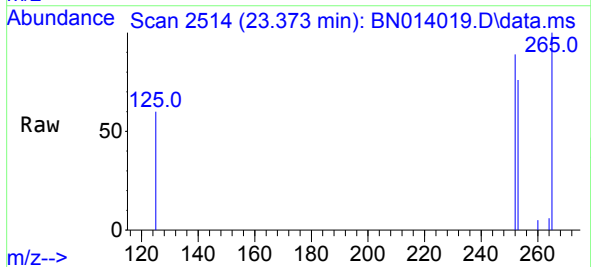
Instrument :
BNA_N
ClientSampleId :
GWBR1-219-236-031921-FD

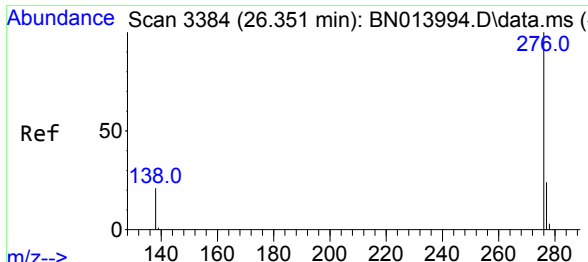
Tgt Ion:252 Resp: 4161
Ion Ratio Lower Upper
252 100
253 59.3 20.4 30.6#
125 45.7 11.6 17.4#



#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#

