

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022221\
 Data File : BN013731.D
 Acq On : 22 Feb 2021 15:16
 Operator : CG/JU
 Sample : M1457-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR1-85-100-021921

Quant Time: Feb 22 15:48:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN020821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 18 10:50:10 2021
 Response via : Initial Calibration

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

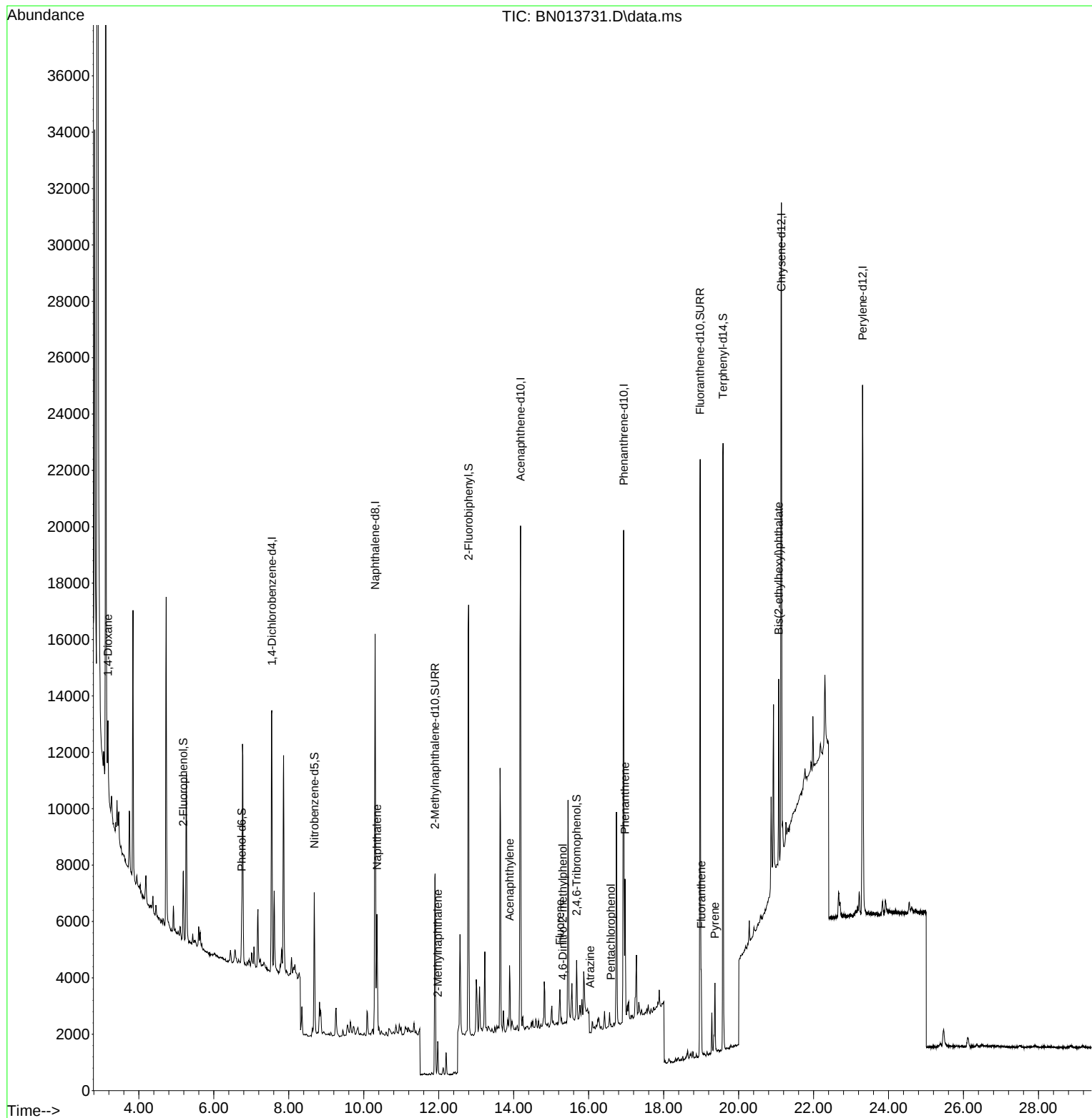
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.547	152	4658	0.40	ng	0.00
7) Naphthalene-d8	10.302	136	18604	0.40	ng	0.00
13) Acenaphthene-d10	14.181	164	10947	0.40	ng	0.00
19) Phenanthrene-d10	16.934	188	23734	0.40	ng	# 0.00
29) Chrysene-d12	21.144	240	24292	0.40	ng	# 0.01
36) Perylene-d12	23.308	264	24065	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.188	112	2061	0.20	ng	0.00
5) Phenol-d6	6.742	99	1437	0.11	ng	0.02
8) Nitrobenzene-d5	8.680	82	3988	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	11.902	152	10060	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.678	330	1510	0.48	ng	0.00
15) 2-Fluorobiphenyl	12.798	172	15036	0.37	ng	0.00
27) Fluoranthene-d10	18.975	212	23953	0.37	ng	0.00
31) Terphenyl-d14	19.585	244	22224	0.41	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.174	88	1620	0.31	ng	# 69
9) Naphthalene	10.353	128	4879	0.11	ng	95
12) 2-Methylnaphthalene	11.973	142	836	0.03	ng	# 91
16) Acenaphthylene	13.889	152	2607	0.06	ng	96
18) Fluorene	15.234	166	757	0.02	ng	# 96
20) 4,6-Dinitro-2-methylph...	15.310	198	18	0.16	ng	# 1
23) Atrazine	16.045	200	282	0.04	ng	# 1
24) Pentachlorophenol	16.593	266	81	0.22	ng	# 82
25) Phenanthrene	16.970	178	5095	0.08	ng	99
28) Fluoranthene	19.005	202	2405	0.03	ng	# 95
30) Pyrene	19.367	202	2151	0.03	ng	# 95
34) Bis(2-ethylhexyl)phtha...	21.069	149	5320	0.28	ng	# 96

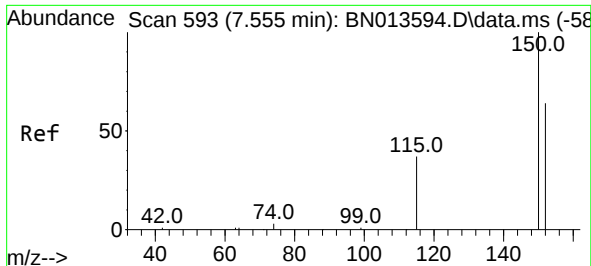
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022221\
Data File : BN013731.D
Acq On : 22 Feb 2021 15:16
Operator : CG/JU
Sample : M1457-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GWBR1-85-100-021921

Quant Time: Feb 22 15:48:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN020821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 18 10:50:10 2021
Response via : Initial Calibration

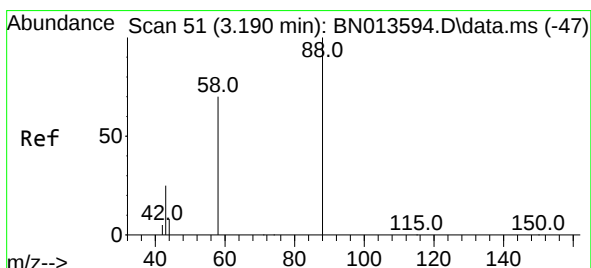
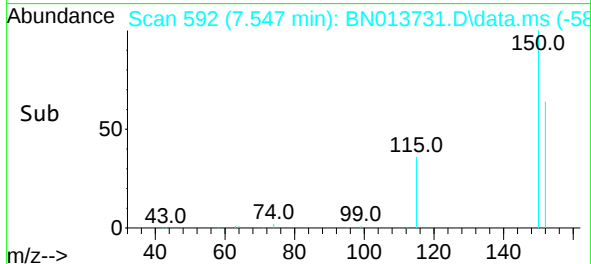
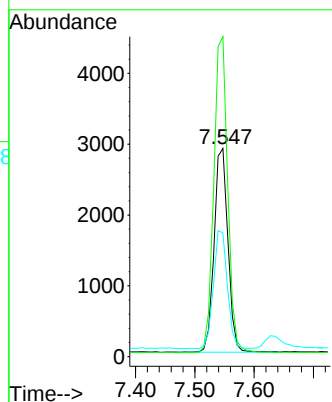
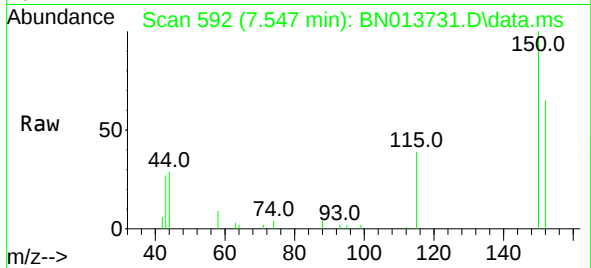




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.547 min Scan# 592
Delta R.T. 0.000 min
Lab File: BN013731.D
Acq: 22 Feb 2021 15:16

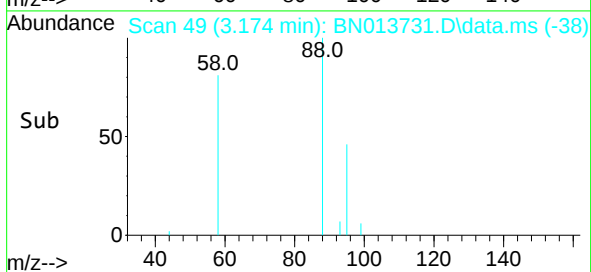
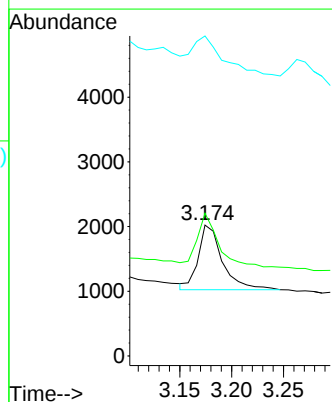
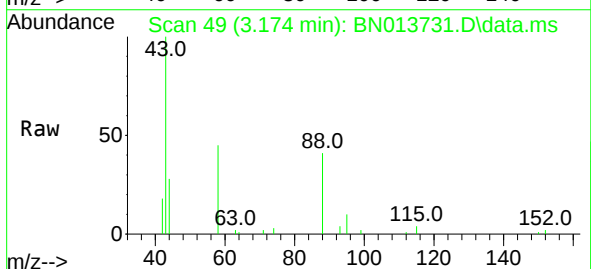
Instrument :
BNA_N
ClientSampleId :
GWBR1-85-100-021921

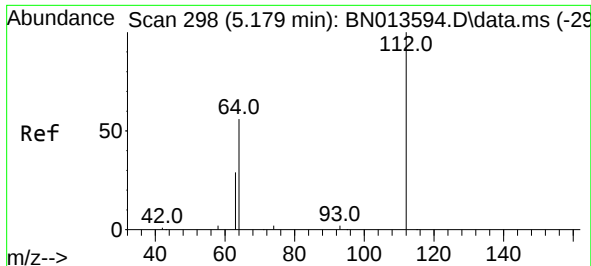
Tgt Ion:152 Resp: 4658
Ion Ratio Lower Upper
152 100
150 153.7 121.8 182.8
115 59.4 46.6 69.8



#2
1,4-Dioxane
Concen: 0.31 ng
RT: 3.174 min Scan# 49
Delta R.T. -0.008 min
Lab File: BN013731.D
Acq: 22 Feb 2021 15:16

Tgt Ion: 88 Resp: 1620
Ion Ratio Lower Upper
88 100
58 73.5 64.6 96.8
43 83.1 26.6 40.0#

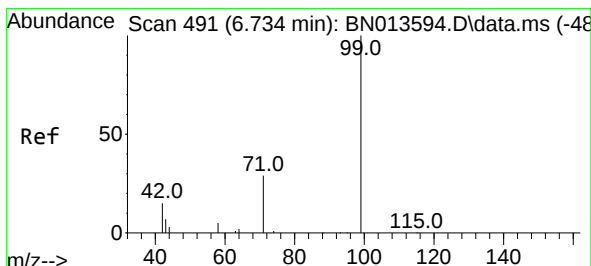
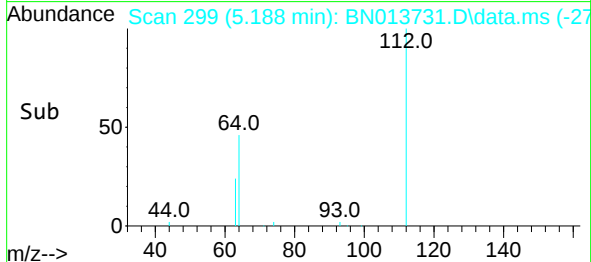
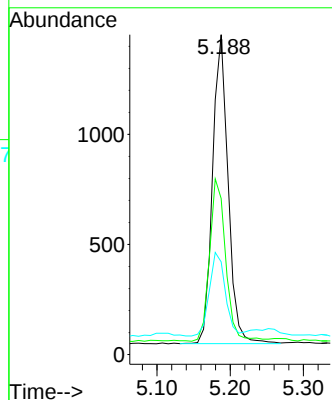
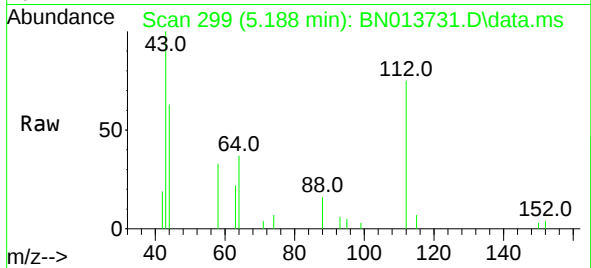




#4
2-Fluorophenol
Concen: 0.20 ng
RT: 5.188 min Scan# 299
Delta R.T. 0.008 min
Lab File: BN013731.D
Acq: 22 Feb 2021 15:16

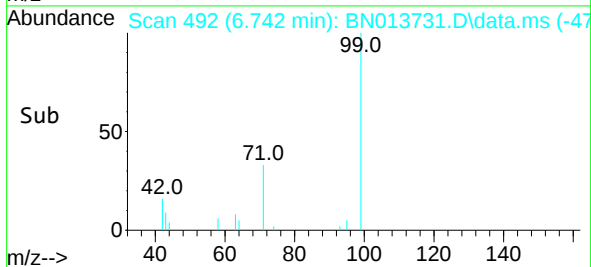
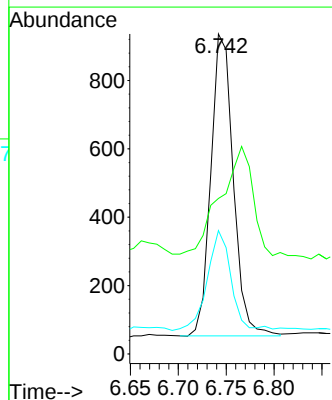
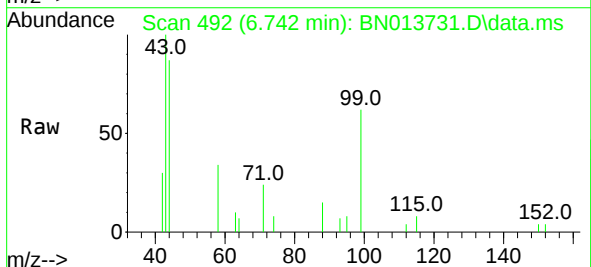
Instrument :
BNA_N
ClientSampleId :
GWBR1-85-100-021921

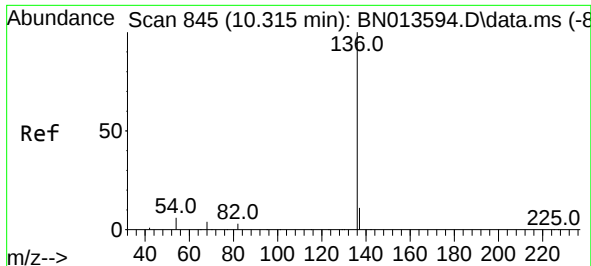
Tgt Ion:112 Resp: 2061
Ion Ratio Lower Upper
112 100
64 54.5 44.3 66.5
63 28.0 23.0 34.6



#5
Phenol-d6
Concen: 0.11 ng
RT: 6.742 min Scan# 492
Delta R.T. 0.016 min
Lab File: BN013731.D
Acq: 22 Feb 2021 15:16

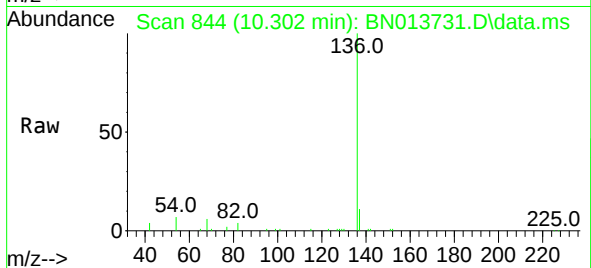
Tgt Ion: 99 Resp: 1437
Ion Ratio Lower Upper
99 100
42 0.0 15.2 22.8#
71 35.9 26.1 39.1



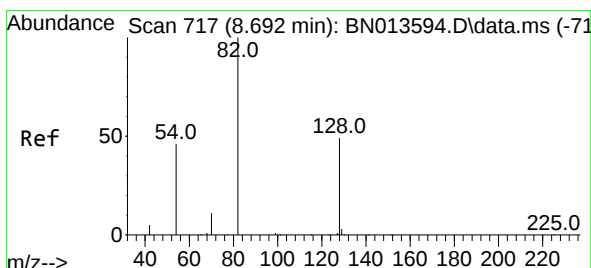
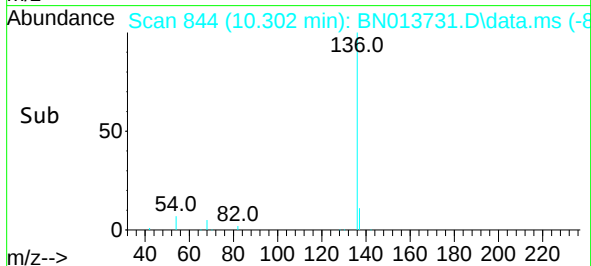
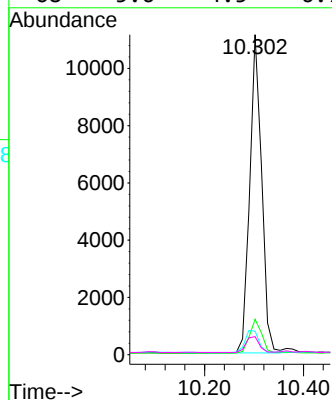


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.302 min Scan# 844
Delta R.T. -0.000 min
Lab File: BN013731.D
Acq: 22 Feb 2021 15:16

Instrument :
BNA_N
ClientSampleId :
GWBR1-85-100-021921

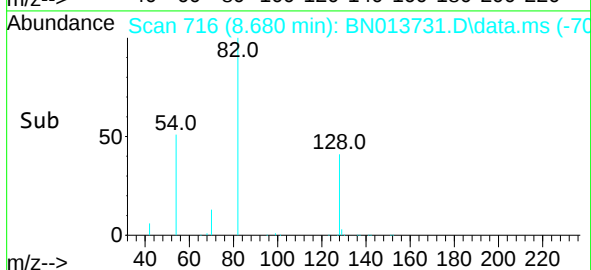
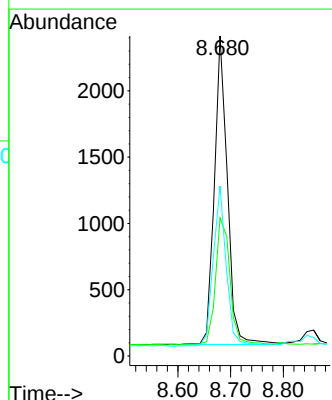
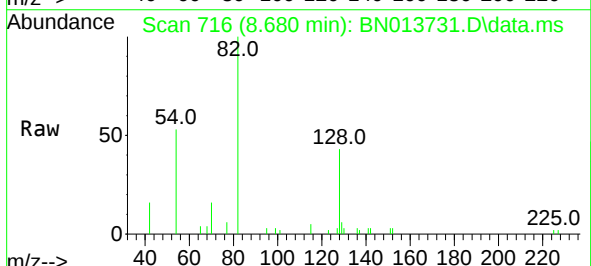


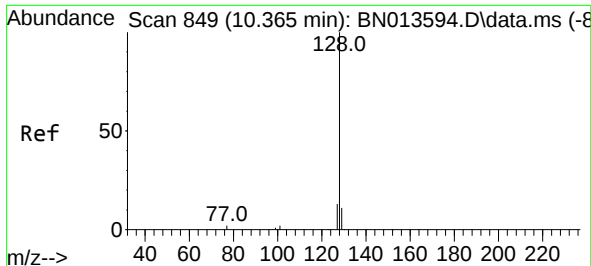
Tgt Ion:136	Resp:	18604
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.0 13.6
54	7.3	6.4 9.6
68	5.6	4.5 6.7



#8
Nitrobenzene-d5
Concen: 0.39 ng
RT: 8.680 min Scan# 716
Delta R.T. -0.000 min
Lab File: BN013731.D
Acq: 22 Feb 2021 15:16

Tgt Ion: 82	Resp:	3988
Ion	Ratio	Lower Upper
82	100	
128	43.2	39.2 58.8
54	53.1	40.1 60.1

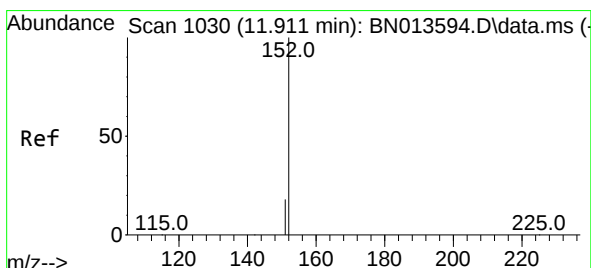
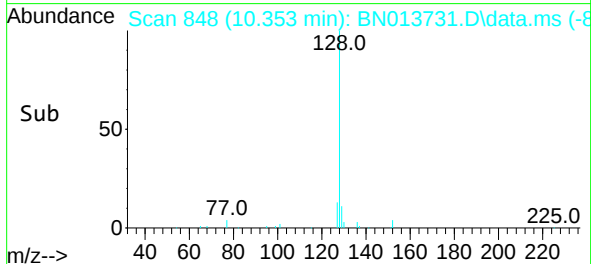
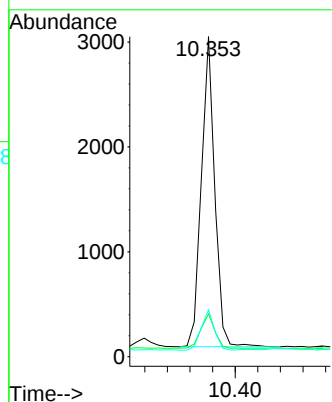
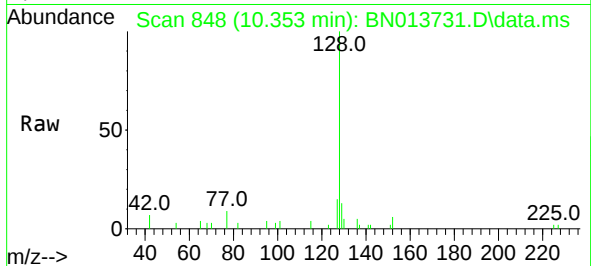




#9
Naphthalene
Concen: 0.11 ng
RT: 10.353 min Scan# 848
Delta R.T. -0.000 min
Lab File: BN013731.D
Acq: 22 Feb 2021 15:16

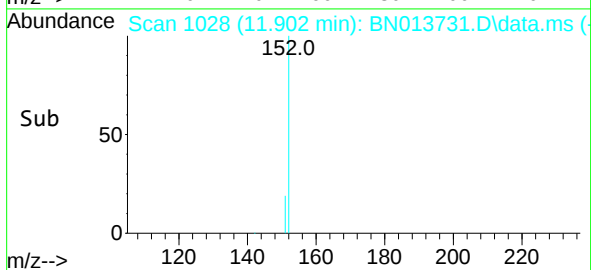
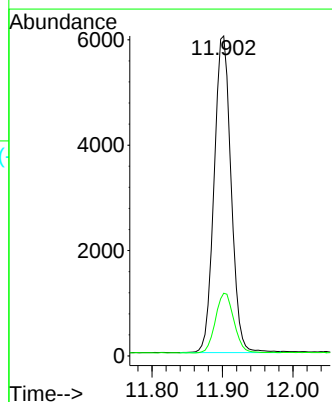
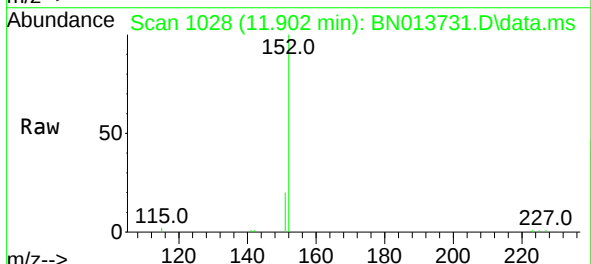
Instrument :
BNA_N
ClientSampleId :
GWBR1-85-100-021921

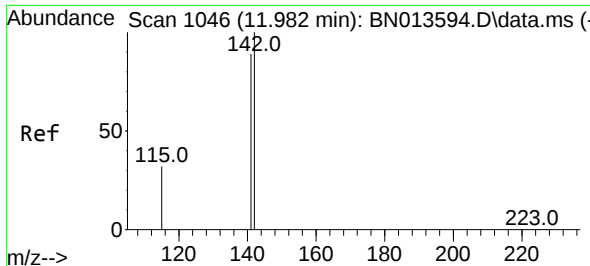
Tgt Ion:	128	Resp:	4879
Ion Ratio	Lower	Upper	
128	100		
129	13.4	9.0	13.4
127	14.6	10.4	15.6



#11
2-Methylnaphthalene-d10
Concen: 0.35 ng
RT: 11.902 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BN013731.D
Acq: 22 Feb 2021 15:16

Tgt Ion:	152	Resp:	10060
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.2	24.2

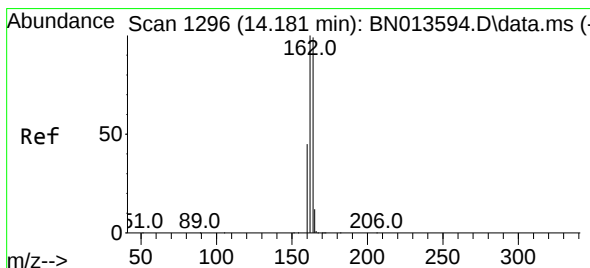
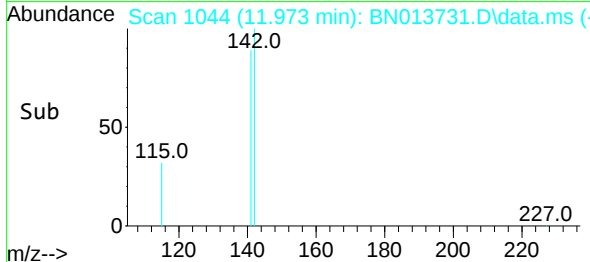
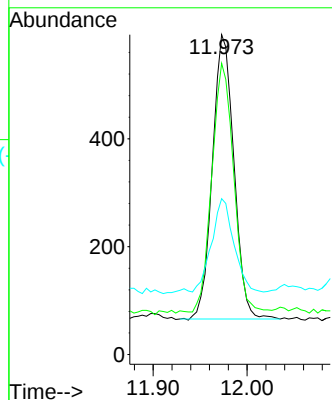
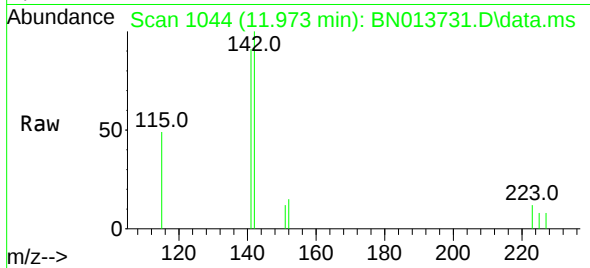




#12
2-Methylnaphthalene
Concen: 0.03 ng
RT: 11.973 min Scan# 1044
Delta R.T. -0.005 min
Lab File: BN013731.D
Acq: 22 Feb 2021 15:16

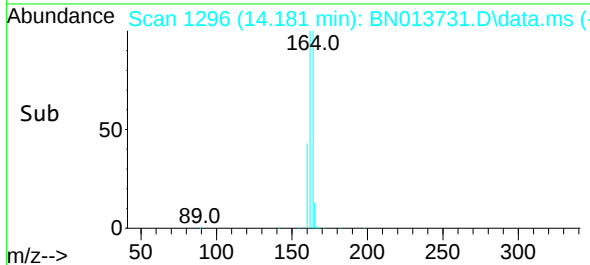
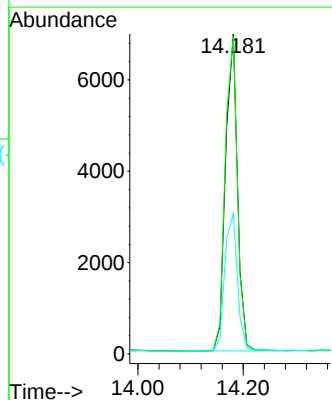
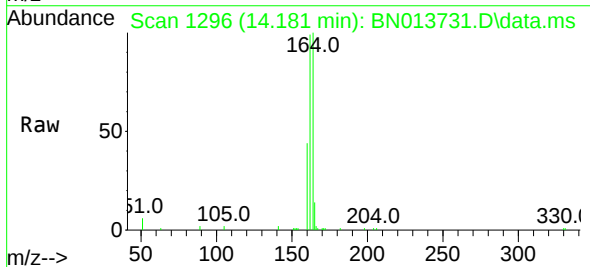
Instrument :
BNA_N
ClientSampleId :
GWBR1-85-100-021921

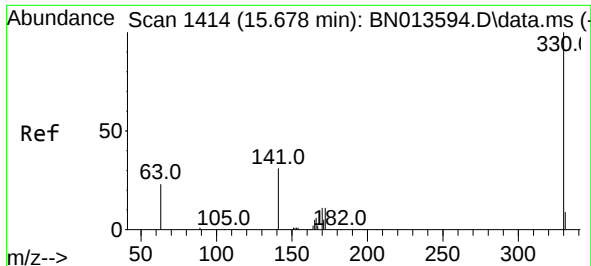
Tgt Ion:142 Resp: 836
Ion Ratio Lower Upper
142 100
141 91.1 70.5 105.7
115 48.7 27.4 41.0#



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.181 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BN013731.D
Acq: 22 Feb 2021 15:16

Tgt Ion:164 Resp: 10947
Ion Ratio Lower Upper
164 100
162 99.4 79.6 119.4
160 44.0 36.0 54.0

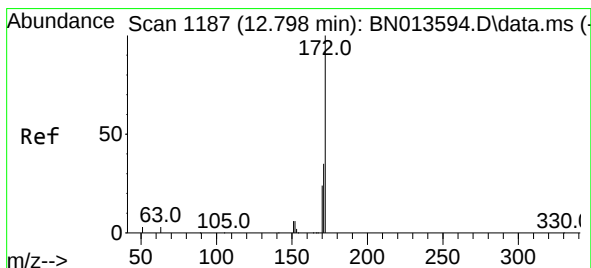
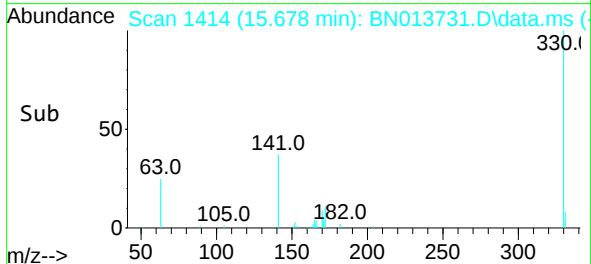
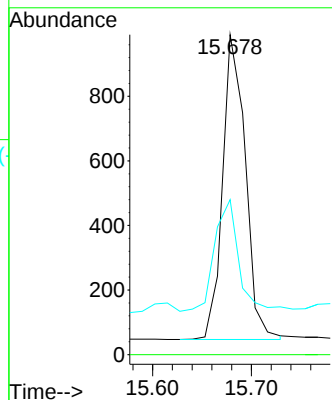
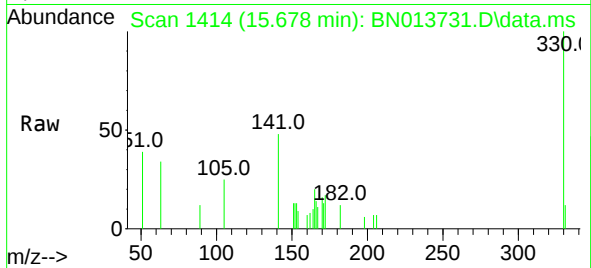




#14
2,4,6-Tribromophenol
Concen: 0.48 ng
RT: 15.678 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BN013731.D
Acq: 22 Feb 2021 15:16

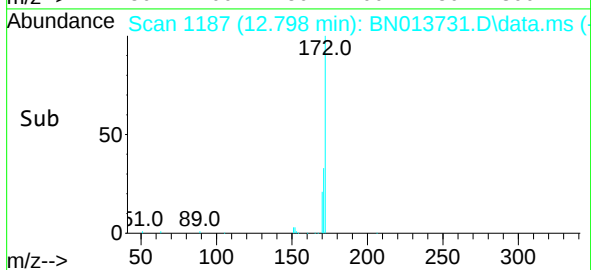
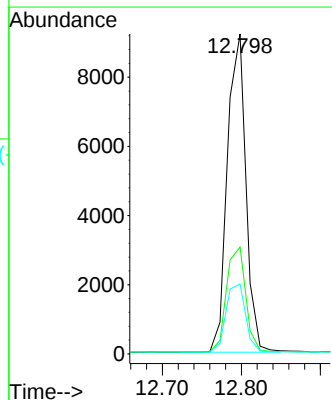
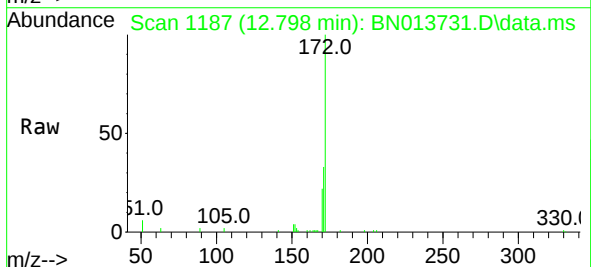
Instrument :
BNA_N
ClientSampleId :
GWBR1-85-100-021921

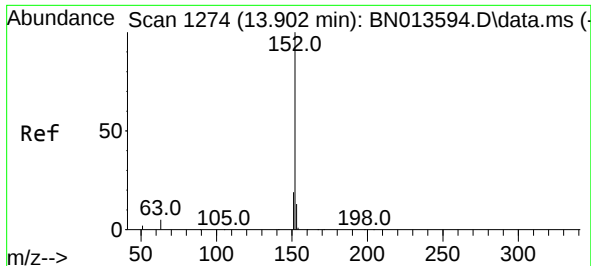
Tgt Ion:330 Resp: 1510
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.9 26.8 40.2



#15
2-Fluorobiphenyl
Concen: 0.37 ng
RT: 12.798 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BN013731.D
Acq: 22 Feb 2021 15:16

Tgt Ion:172 Resp: 15036
Ion Ratio Lower Upper
172 100
171 33.4 28.6 42.8
170 21.9 18.9 28.3

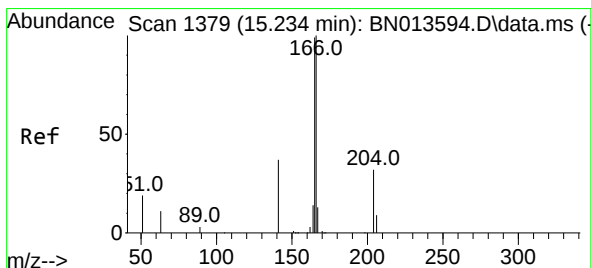
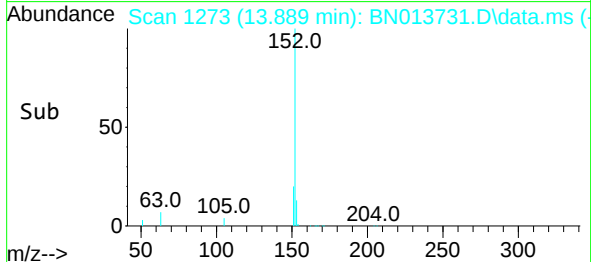
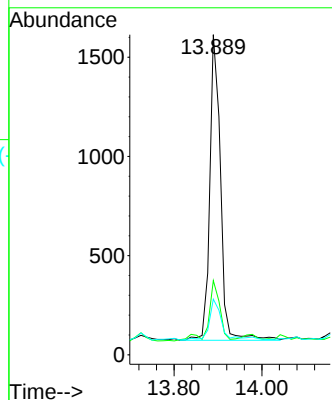
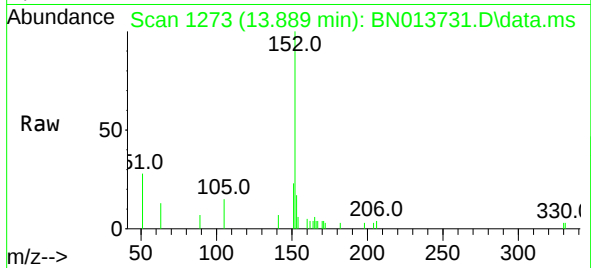




#16
Acenaphthylene
Concen: 0.06 ng
RT: 13.889 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BN013731.D
Acq: 22 Feb 2021 15:16

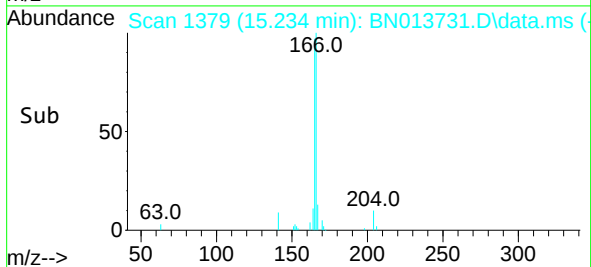
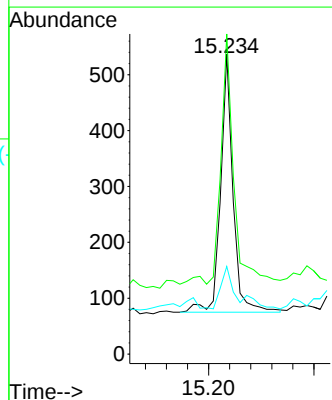
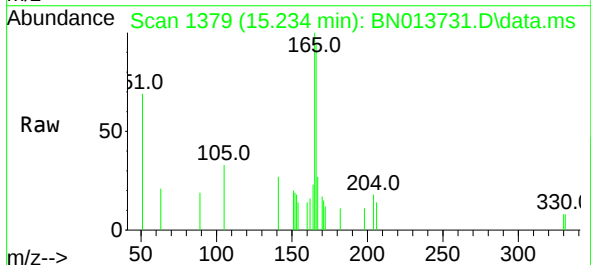
Instrument :
BNA_N
ClientSampleId :
GWBR1-85-100-021921

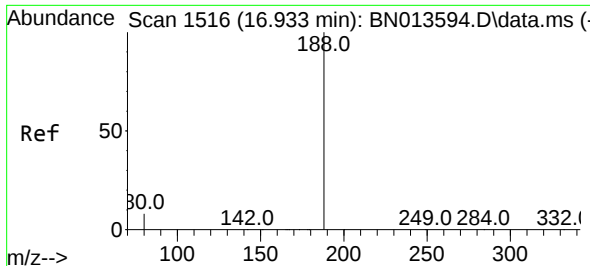
Tgt Ion:152 Resp: 2607
Ion Ratio Lower Upper
152 100
151 20.6 15.7 23.5
153 15.6 10.5 15.7



#18
Fluorene
Concen: 0.02 ng
RT: 15.234 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BN013731.D
Acq: 22 Feb 2021 15:16

Tgt Ion:166 Resp: 757
Ion Ratio Lower Upper
166 100
165 98.8 77.8 116.8
167 20.9 10.6 16.0#

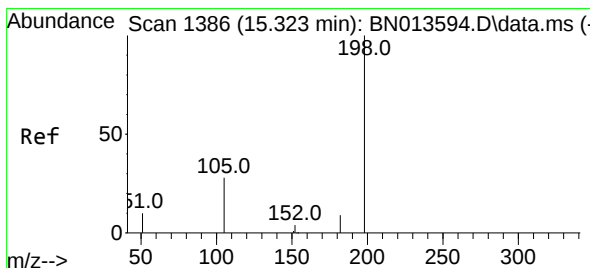
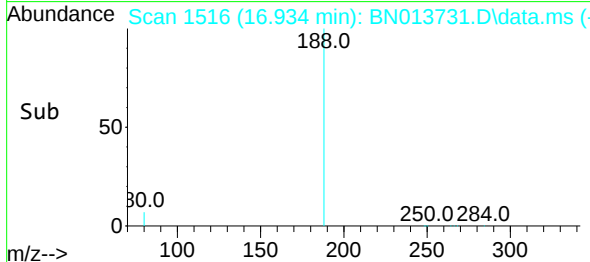
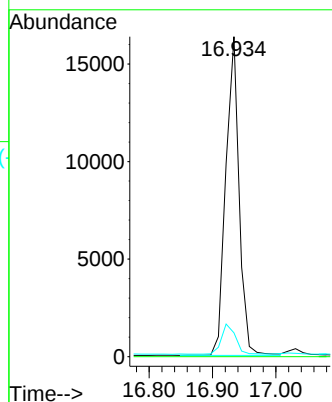
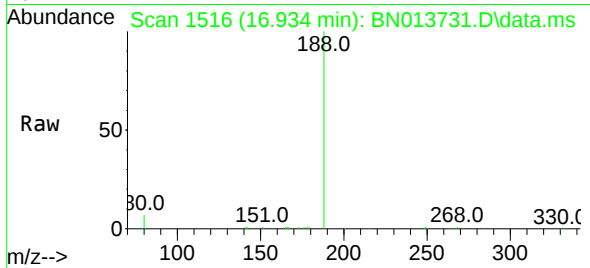




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.934 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BN013731.D
Acq: 22 Feb 2021 15:16

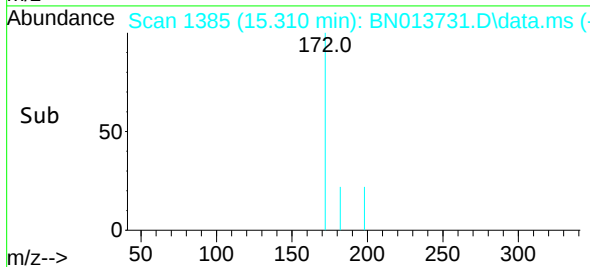
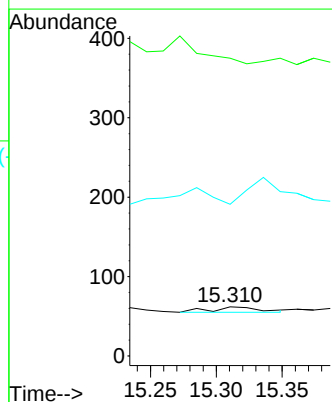
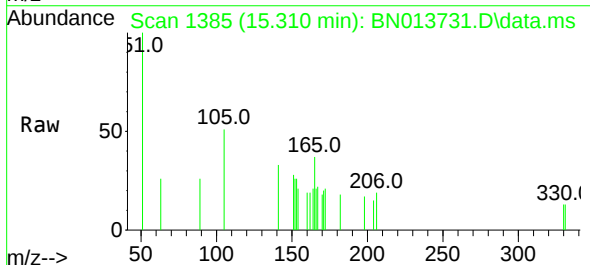
Instrument :
BNA_N
ClientSampleId :
GWBR1-85-100-021921

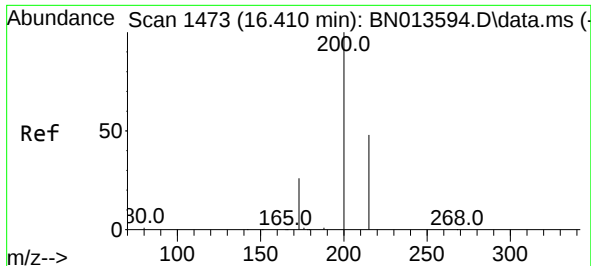
Tgt Ion:188 Resp: 23734
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.5 9.0 13.6#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.16 ng
RT: 15.310 min Scan# 1385
Delta R.T. -0.013 min
Lab File: BN013731.D
Acq: 22 Feb 2021 15:16

Tgt Ion:198 Resp: 18
Ion Ratio Lower Upper
198 100
51 604.8 61.7 92.5#
105 308.1 33.0 49.6#

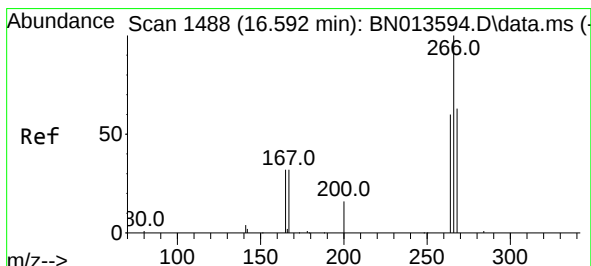
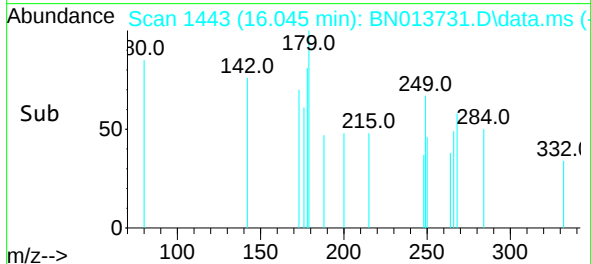
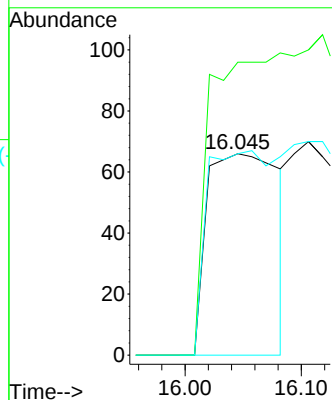
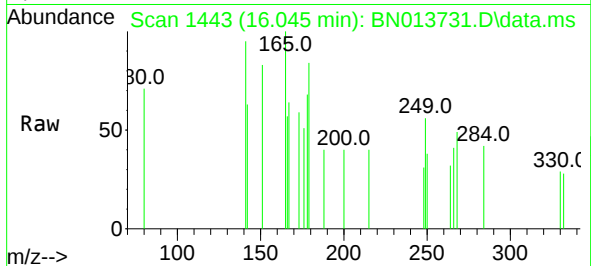




#23
Atrazine
Concen: 0.04 ng
RT: 16.045 min Scan# 1443
Delta R.T. -0.365 min
Lab File: BN013731.D
Acq: 22 Feb 2021 15:16

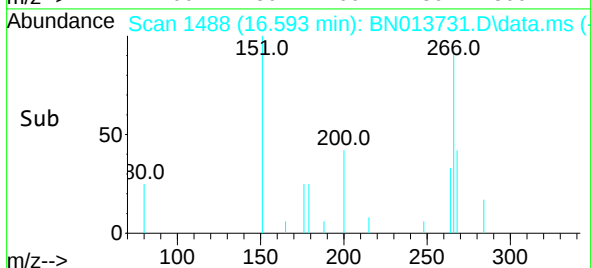
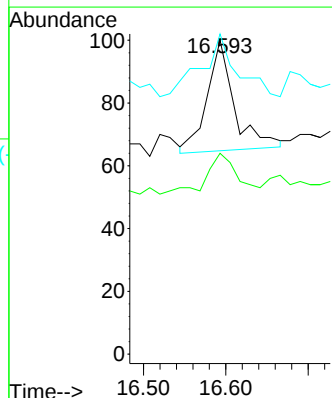
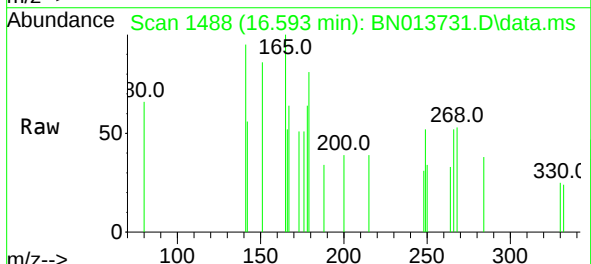
Instrument :
BNA_N
ClientSampleId :
GWBR1-85-100-021921

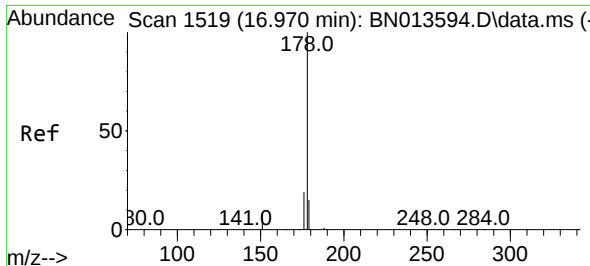
Tgt Ion:200 Resp: 282
Ion Ratio Lower Upper
200 100
173 145.5 18.6 28.0#
215 100.0 41.0 61.6#



#24
Pentachlorophenol
Concen: 0.22 ng
RT: 16.593 min Scan# 1488
Delta R.T. 0.013 min
Lab File: BN013731.D
Acq: 22 Feb 2021 15:16

Tgt Ion:266 Resp: 81
Ion Ratio Lower Upper
266 100
264 42.0 51.6 77.4#
268 74.1 54.6 82.0

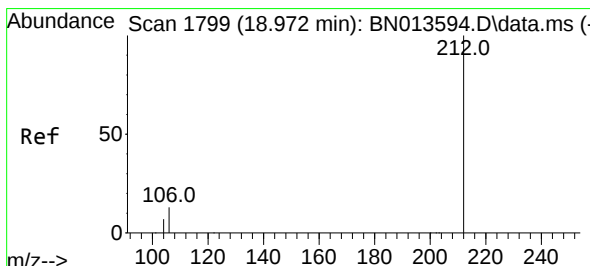
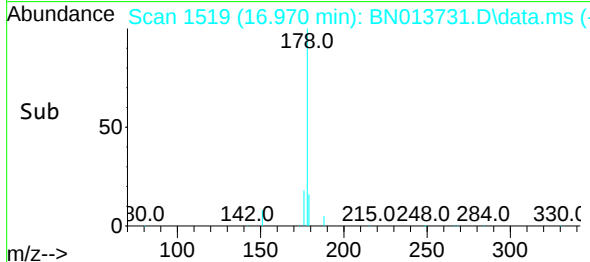
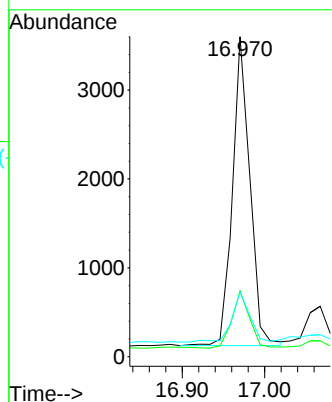
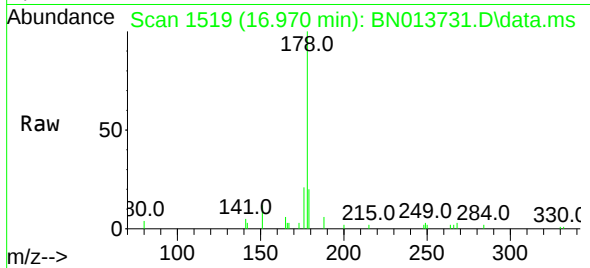




#25
Phenanthrene
Concen: 0.08 ng
RT: 16.970 min Scan# 1519
Delta R.T. 0.000 min
Lab File: BN013731.D
Acq: 22 Feb 2021 15:16

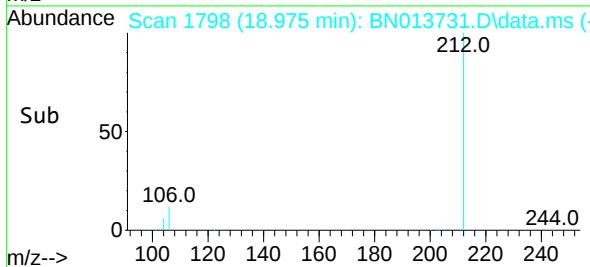
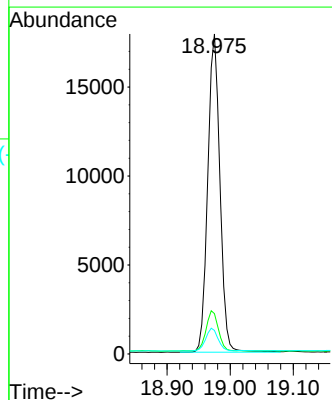
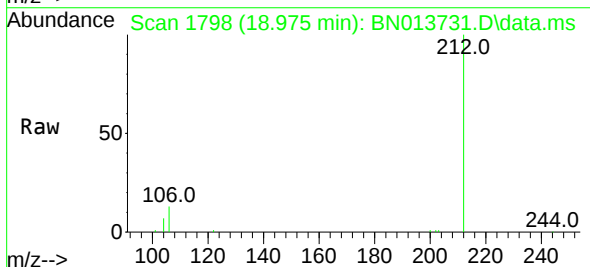
Instrument :
BNA_N
ClientSampleId :
GWBR1-85-100-021921

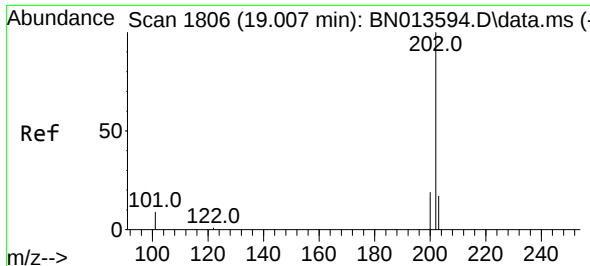
Tgt Ion:178	Resp:	5095
Ion Ratio	Lower	Upper
178	100	
176	18.7	15.0 22.4
179	16.5	12.3 18.5



#27
Fluoranthene-d10
Concen: 0.37 ng
RT: 18.975 min Scan# 1798
Delta R.T. 0.003 min
Lab File: BN013731.D
Acq: 22 Feb 2021 15:16

Tgt Ion:212	Resp:	23953
Ion Ratio	Lower	Upper
212	100	
106	12.6	9.7 14.5
104	7.1	5.5 8.3

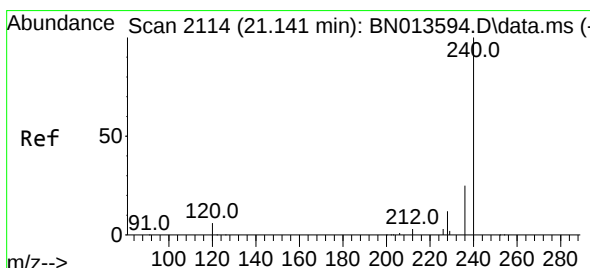
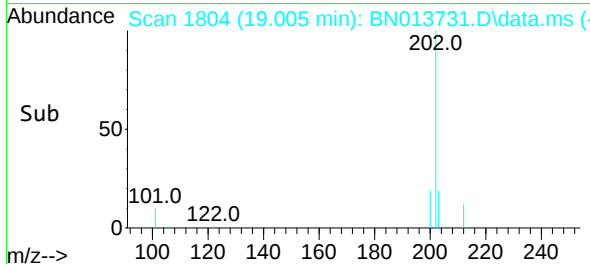
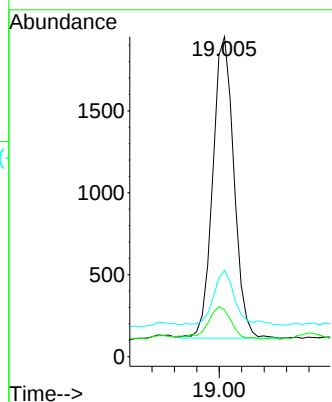
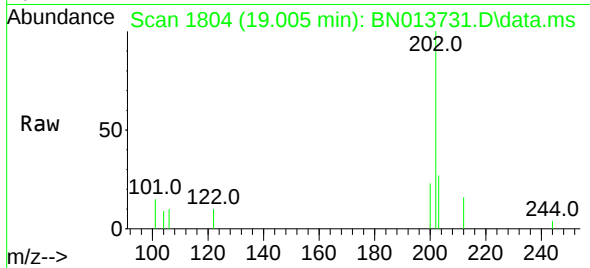




#28
Fluoranthene
Concen: 0.03 ng
RT: 19.005 min Scan# 1804
Delta R.T. 0.003 min
Lab File: BN013731.D
Acq: 22 Feb 2021 15:16

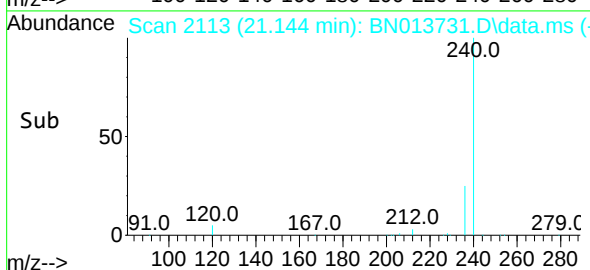
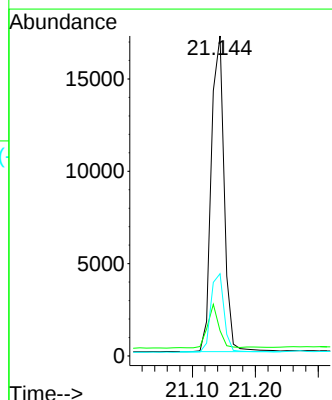
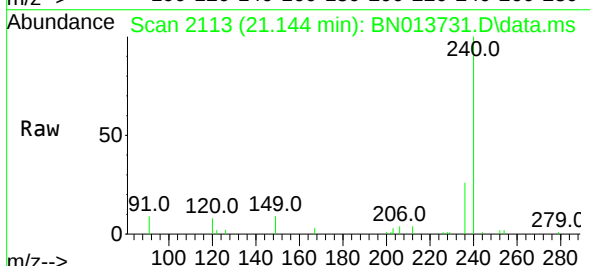
Instrument :
BNA_N
ClientSampleId :
GWBR1-85-100-021921

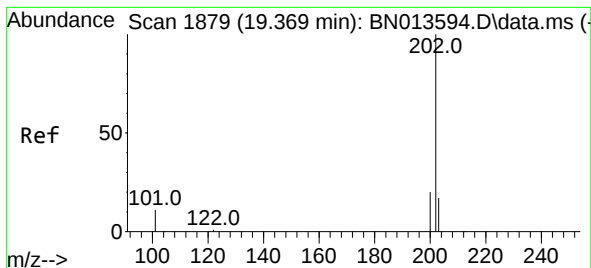
Tgt Ion:202 Resp: 2405
Ion Ratio Lower Upper
202 100
101 12.2 8.1 12.1#
203 19.3 13.9 20.9



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.144 min Scan# 2113
Delta R.T. 0.013 min
Lab File: BN013731.D
Acq: 22 Feb 2021 15:16

Tgt Ion:240 Resp: 24292
Ion Ratio Lower Upper
240 100
120 7.9 10.2 15.4#
236 25.7 21.3 31.9





#30

Pyrene

Concen: 0.03 ng

RT: 19.367 min Scan# 1877

Delta R.T. 0.003 min

Lab File: BN013731.D

Acq: 22 Feb 2021 15:16

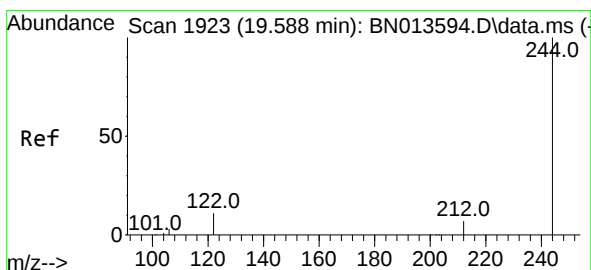
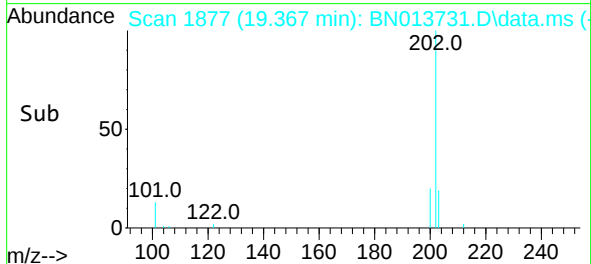
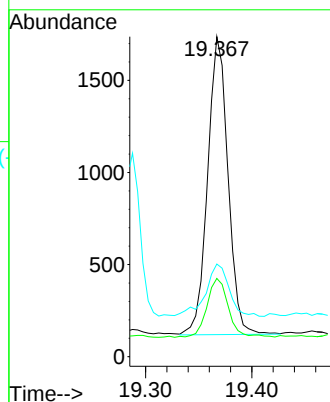
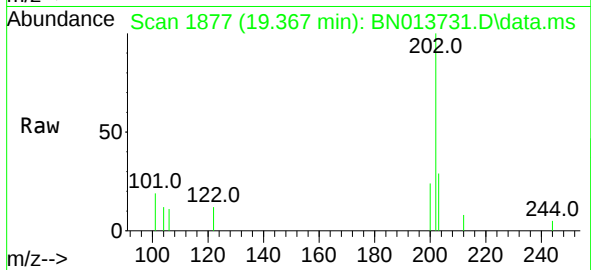
Tgt Ion:	202	Resp:	2151
Ion Ratio	Lower	Upper	
202	100		
200	20.9	16.3	24.5
203	21.5	14.0	21.0#

Instrument :

BNA_N

ClientSampleId :

GWBR1-85-100-021921



#31

Terphenyl-d14

Concen: 0.41 ng

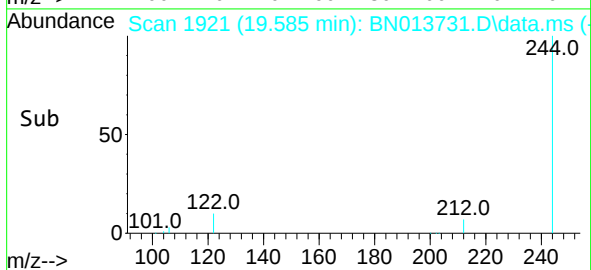
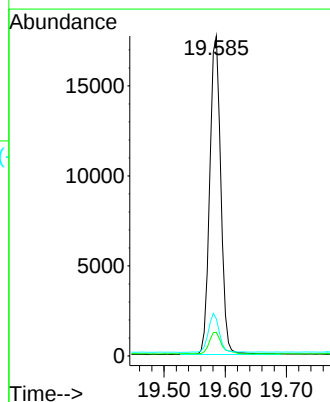
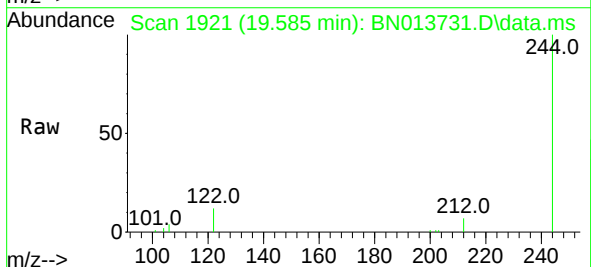
RT: 19.585 min Scan# 1921

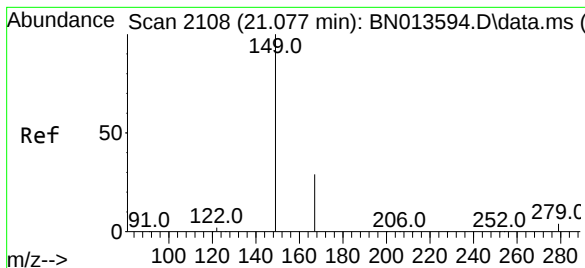
Delta R.T. 0.003 min

Lab File: BN013731.D

Acq: 22 Feb 2021 15:16

Tgt Ion:	244	Resp:	22224
Ion Ratio	Lower	Upper	
244	100		
212	7.4	6.1	9.1
122	11.6	9.8	14.8

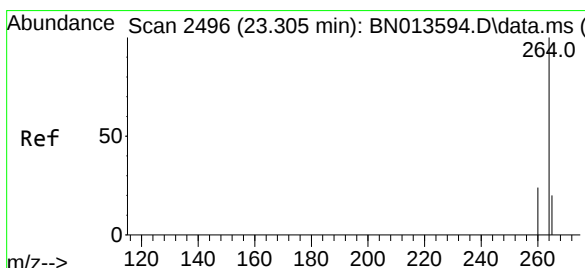
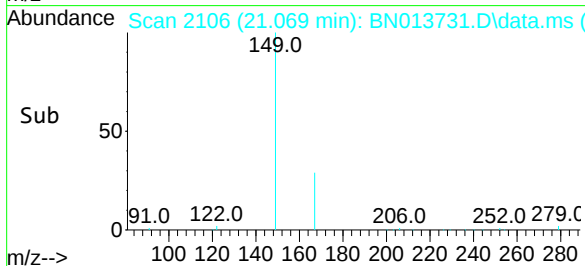
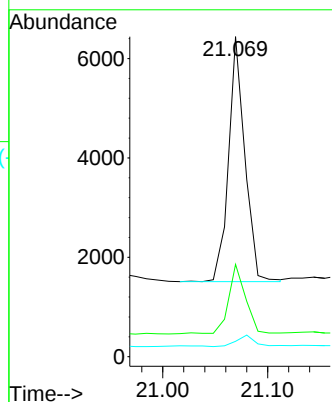
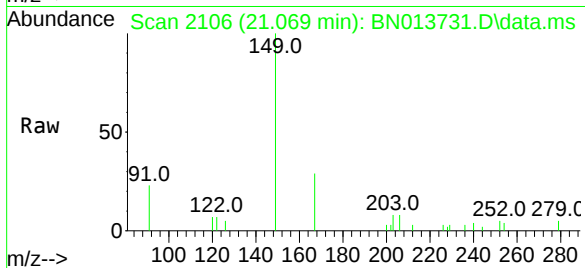




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.28 ng
 RT: 21.069 min Scan# 2106
 Delta R.T. 0.003 min
 Lab File: BN013731.D
 Acq: 22 Feb 2021 15:16

Instrument :
 BNA_N
 ClientSampleId :
 GWBR1-85-100-021921

Tgt Ion:149 Resp: 5320
 Ion Ratio Lower Upper
 149 100
 167 30.0 22.1 33.1
 279 5.6 3.5 5.3#



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.308 min Scan# 2495
 Delta R.T. 0.006 min
 Lab File: BN013731.D
 Acq: 22 Feb 2021 15:16

Tgt Ion:264 Resp: 24065
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.3 28.9
 265 45.7 66.2 99.4#

