

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022221\
 Data File : BN013734.D
 Acq On : 22 Feb 2021 17:04
 Operator : CG/JU
 Sample : M1450-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-VPB-RW6-GW-578-580

Quant Time: Feb 22 17:40:56 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)

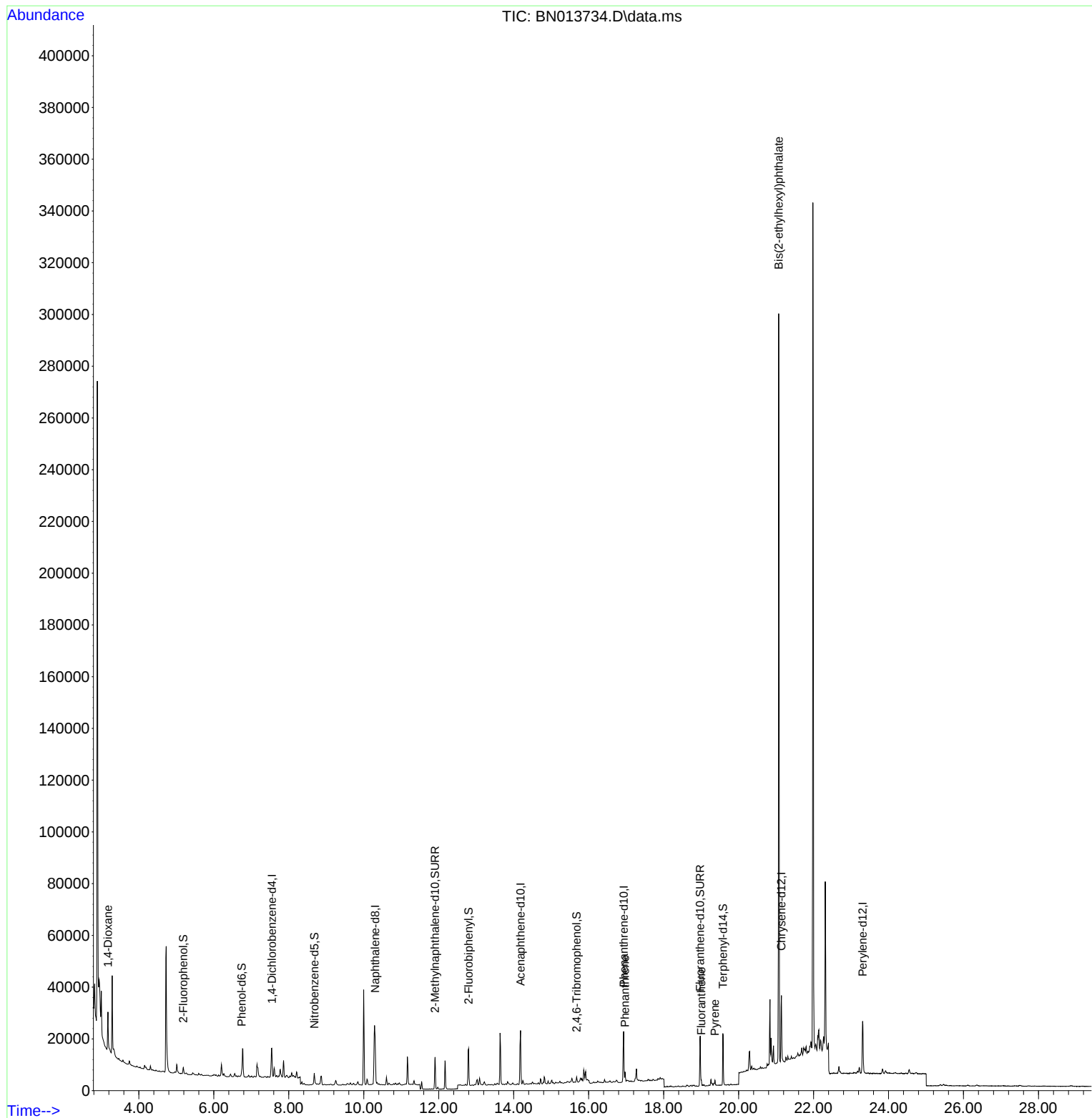
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.547	152	5114	0.40	ng	0.00
7) Naphthalene-d8	10.302	136	21310	0.40	ng	0.00
13) Acenaphthene-d10	14.181	164	12539	0.40	ng	0.00
19) Phenanthrene-d10	16.934	188	26712	0.40	ng	# 0.00
29) Chrysene-d12	21.144	240	26090	0.40	ng	# 0.01
36) Perylene-d12	23.311	264	25671	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.188	112	2291	0.21	ng	0.00
5) Phenol-d6	6.742	99	2067	0.15	ng	0.02
8) Nitrobenzene-d5	8.680	82	3683	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	11.902	152	9959	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.678	330	1262	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.798	172	13588	0.29	ng	0.00
27) Fluoranthene-d10	18.975	212	22027	0.31	ng	0.00
31) Terphenyl-d14	19.580	244	20590	0.35	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.174	88	9751	1.70	ng	# 82
25) Phenanthrene	16.970	178	4105	0.06	ng	# 95
28) Fluoranthene	19.005	202	2036	0.03	ng	98
30) Pyrene	19.367	202	1856	0.02	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.069	149	243087	11.87	ng	99

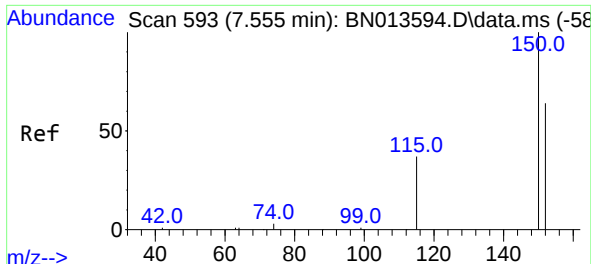
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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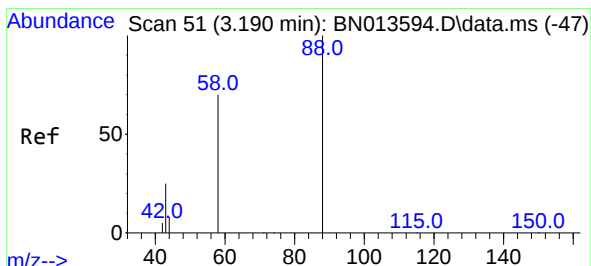
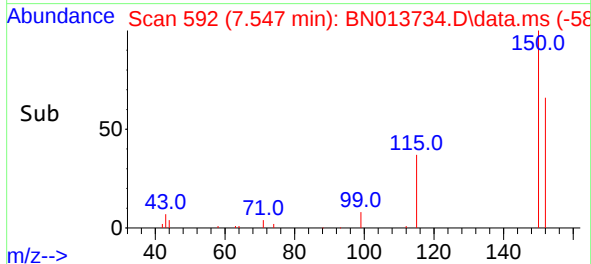
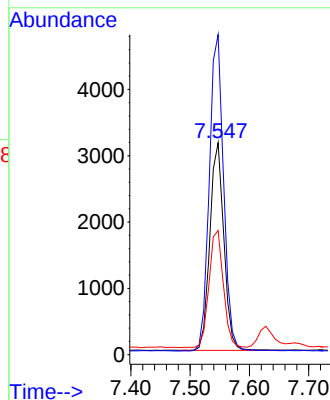
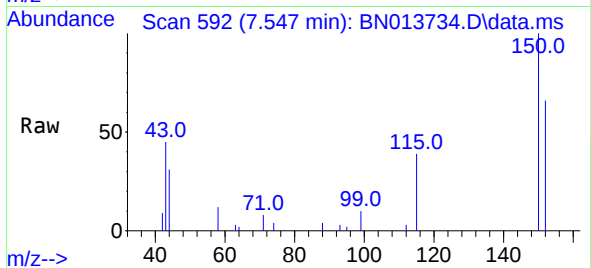




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.547 min Scan# 592
Delta R.T. 0.000 min
Lab File: BN013734.D
Acq: 22 Feb 2021 17:04

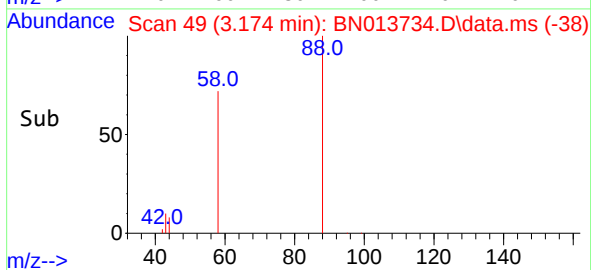
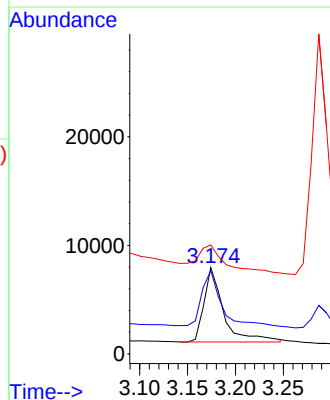
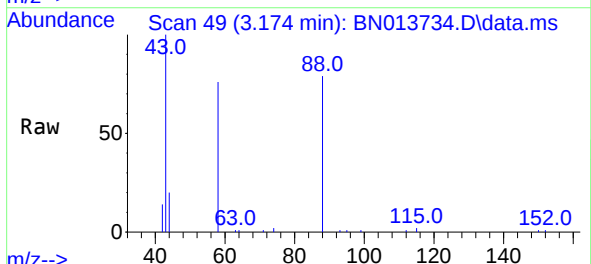
Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW6-GW-578-580

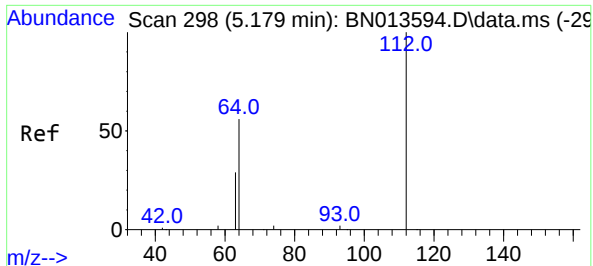
Tgt Ion:152 Resp: 5114
Ion Ratio Lower Upper
152 100
150 150.9 121.8 182.8
115 58.6 46.6 69.8



#2
1,4-Dioxane
Concen: 1.70 ng
RT: 3.174 min Scan# 49
Delta R.T. -0.008 min
Lab File: BN013734.D
Acq: 22 Feb 2021 17:04

Tgt Ion: 88 Resp: 9751
Ion Ratio Lower Upper
88 100
58 72.9 64.6 96.8
43 55.5 26.6 40.0#



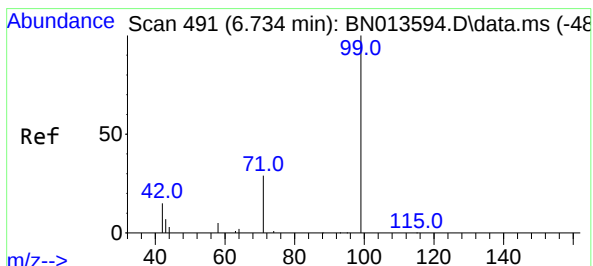
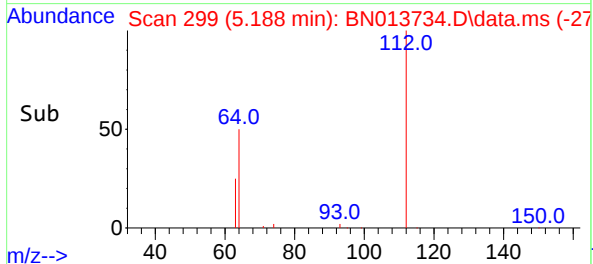
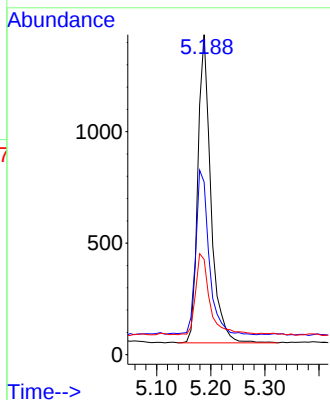
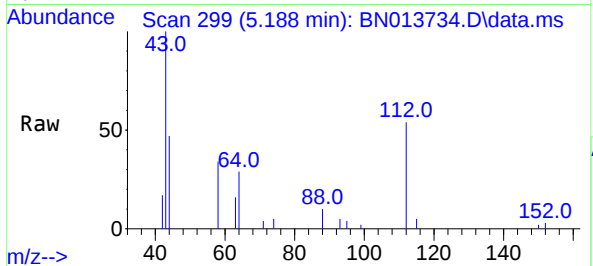


#4
2-Fluorophenol
Concen: 0.21 ng
RT: 5.188 min Scan# 299
Delta R.T. 0.008 min
Lab File: BN013734.D
Acq: 22 Feb 2021 17:04

Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW6-GW-578-580

Tgt Ion:112 Resp: 2291

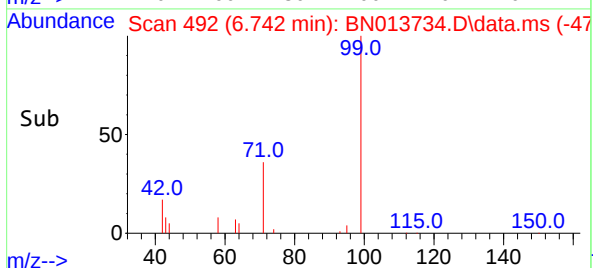
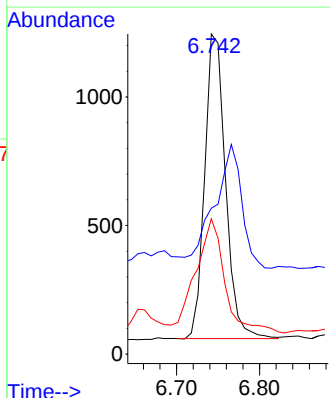
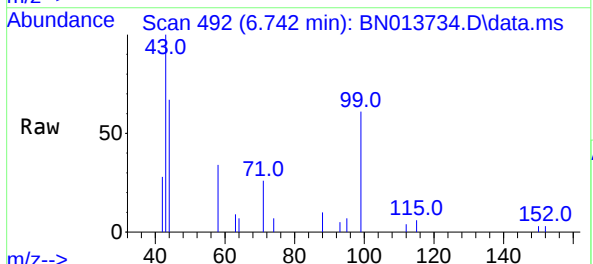
Ion	Ratio	Lower	Upper
112	100		
64	55.3	44.3	66.5
63	28.6	23.0	34.6

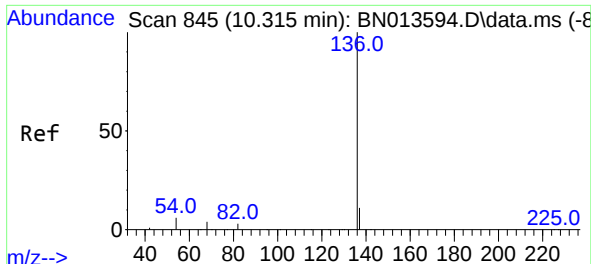


#5
Phenol-d6
Concen: 0.15 ng
RT: 6.742 min Scan# 492
Delta R.T. 0.016 min
Lab File: BN013734.D
Acq: 22 Feb 2021 17:04

Tgt Ion: 99 Resp: 2067

Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.2	22.8#
71	52.3	26.1	39.1#

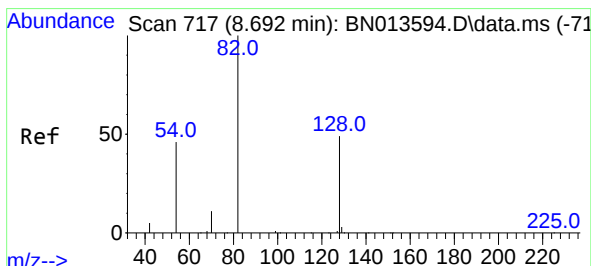
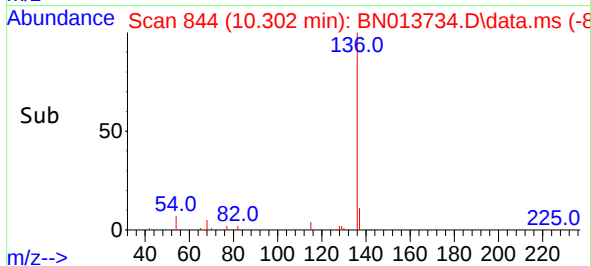
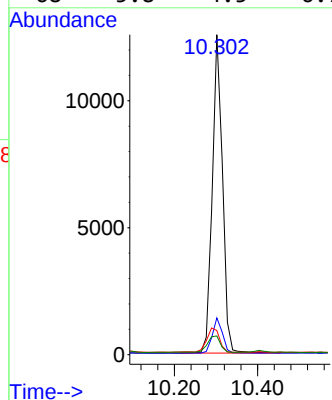
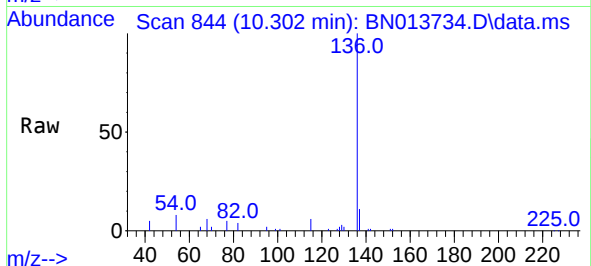




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.302 min Scan# 844
Delta R.T. -0.000 min
Lab File: BN013734.D
Acq: 22 Feb 2021 17:04

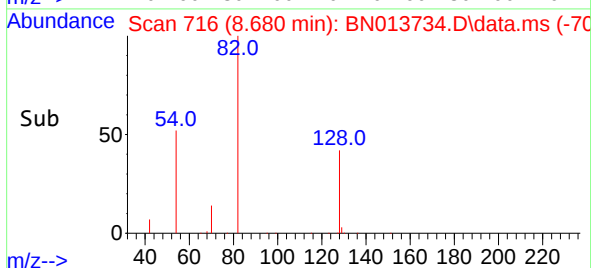
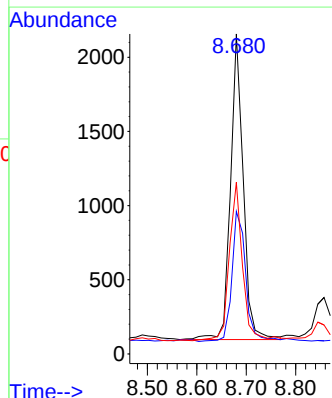
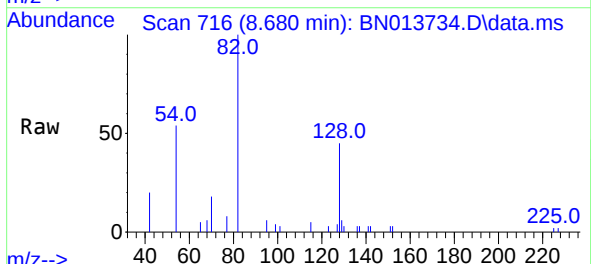
Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW6-GW-578-580

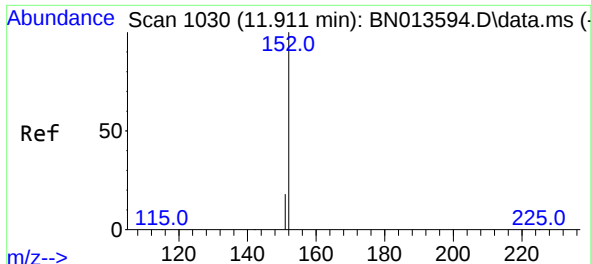
Tgt Ion:	136	Resp:	21310
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.0	13.6
54	7.6	6.4	9.6
68	5.8	4.5	6.7



#8
Nitrobenzene-d5
Concen: 0.31 ng
RT: 8.680 min Scan# 716
Delta R.T. -0.000 min
Lab File: BN013734.D
Acq: 22 Feb 2021 17:04

Tgt Ion:	82	Resp:	3683
Ion Ratio	Lower	Upper	
82	100		
128	44.6	39.2	58.8
54	53.6	40.1	60.1

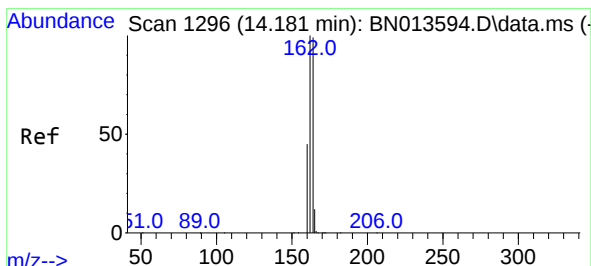
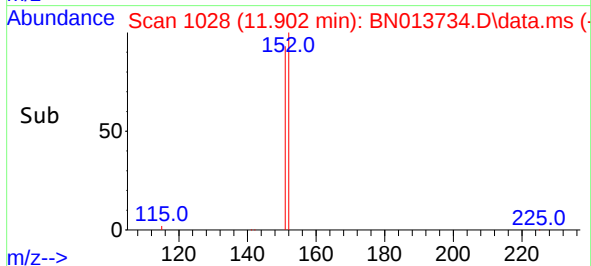
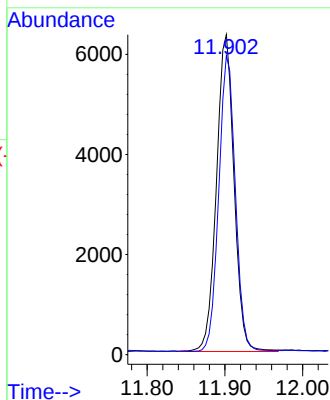
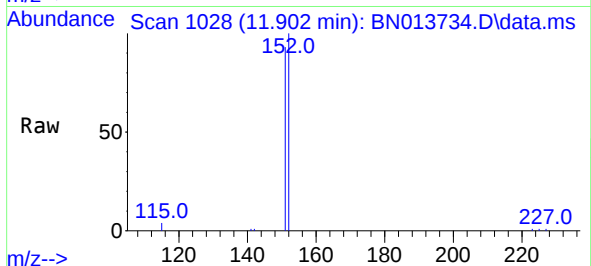




#11
2-Methylnaphthalene-d10
Concen: 0.30 ng
RT: 11.902 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BN013734.D
Acq: 22 Feb 2021 17:04

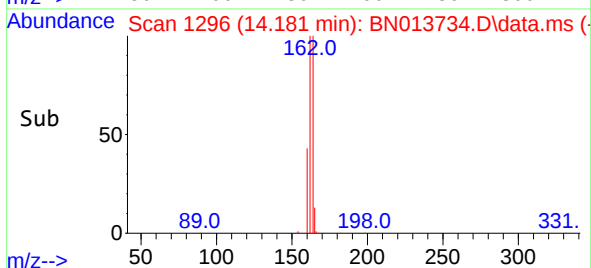
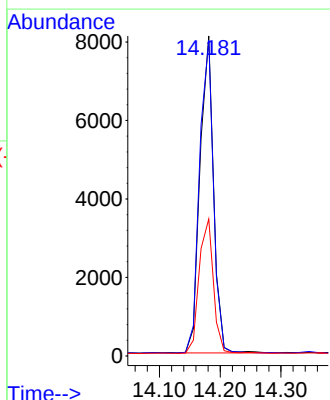
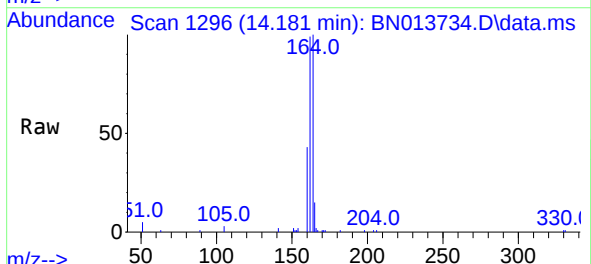
Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW6-GW-578-580

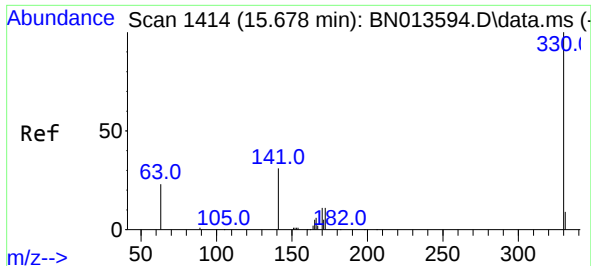
Tgt Ion:152 Resp: 9959
Ion Ratio Lower Upper
152 100
151 88.0 16.2 24.2#



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.181 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BN013734.D
Acq: 22 Feb 2021 17:04

Tgt Ion:164 Resp: 12539
Ion Ratio Lower Upper
164 100
162 98.6 79.6 119.4
160 42.8 36.0 54.0

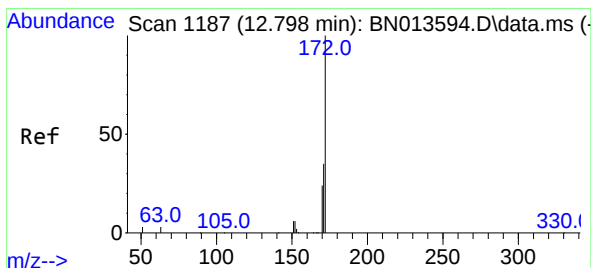
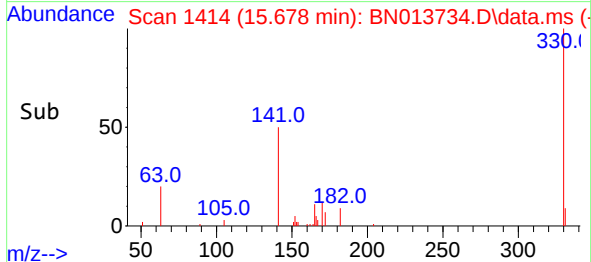
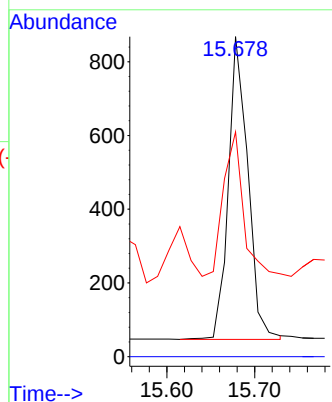
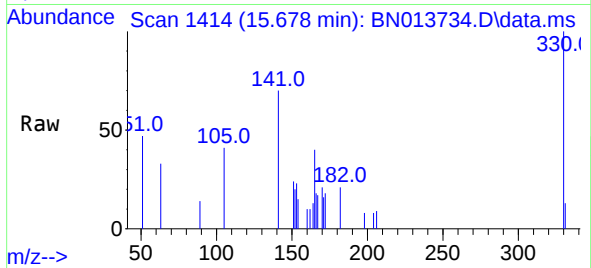




#14
2,4,6-Tribromophenol
Concen: 0.35 ng
RT: 15.678 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BN013734.D
Acq: 22 Feb 2021 17:04

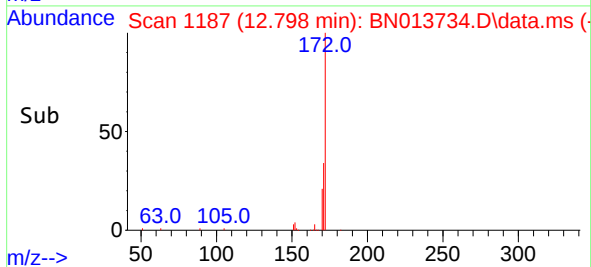
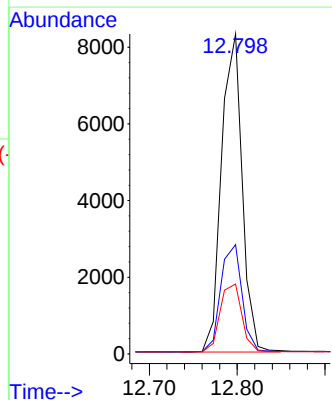
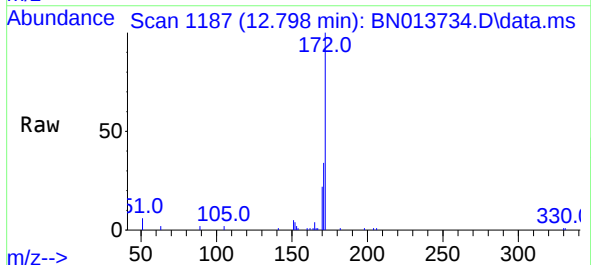
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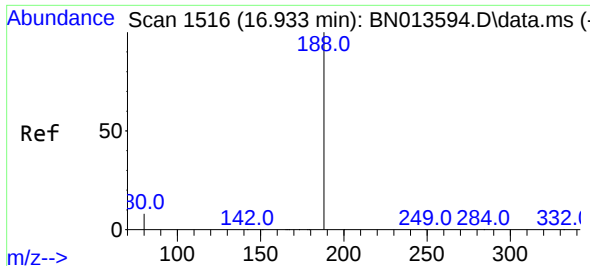
Tgt Ion:330 Resp: 1262
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 48.7 26.8 40.2#



#15
2-Fluorobiphenyl
Concen: 0.29 ng
RT: 12.798 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BN013734.D
Acq: 22 Feb 2021 17:04

Tgt Ion:172 Resp: 13588
Ion Ratio Lower Upper
172 100
171 34.1 28.6 42.8
170 21.9 18.9 28.3

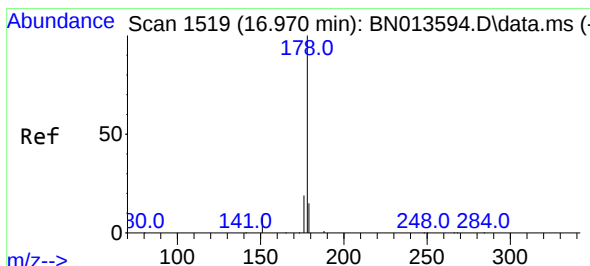
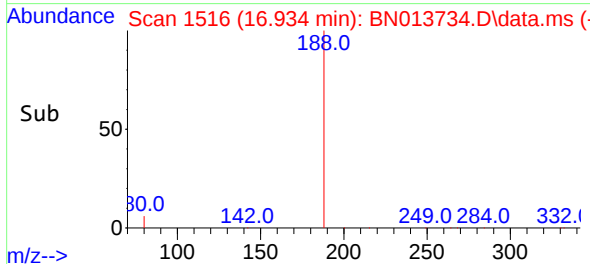
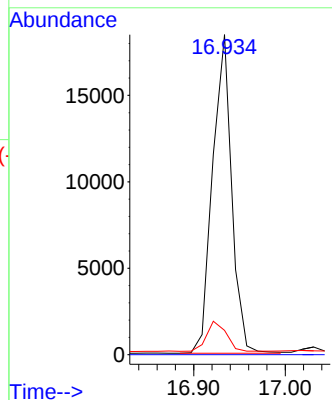
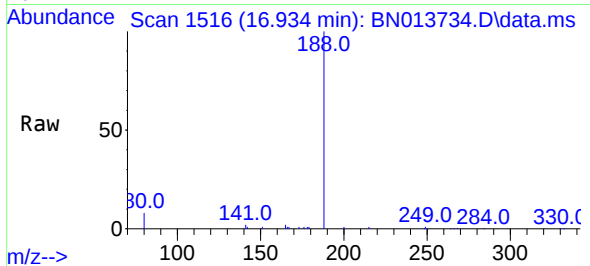




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.934 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BN013734.D
Acq: 22 Feb 2021 17:04

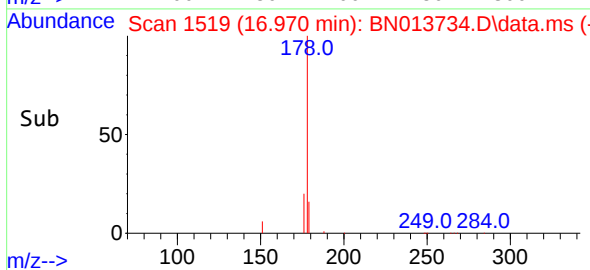
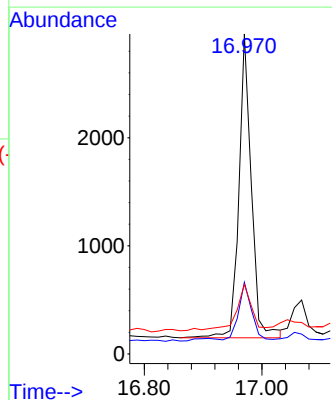
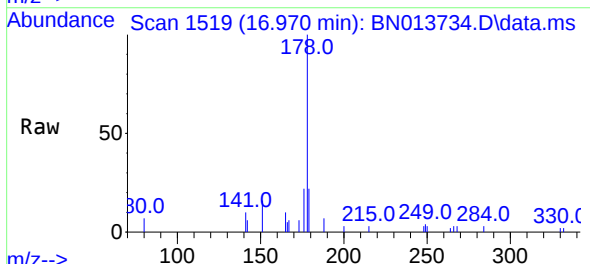
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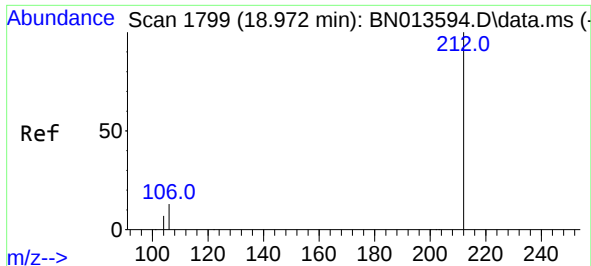
Tgt Ion:188 Resp: 26712
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.6 9.0 13.6#



#25
Phenanthrene
Concen: 0.06 ng
RT: 16.970 min Scan# 1519
Delta R.T. 0.000 min
Lab File: BN013734.D
Acq: 22 Feb 2021 17:04

Tgt Ion:178 Resp: 4105
Ion Ratio Lower Upper
178 100
176 19.6 15.0 22.4
179 19.0 12.3 18.5#

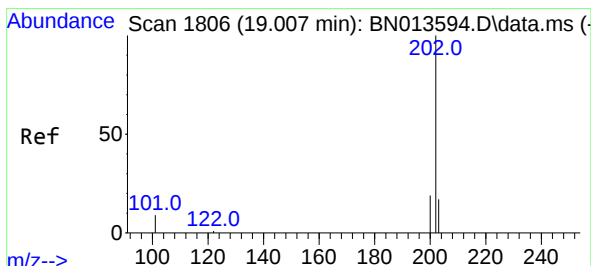
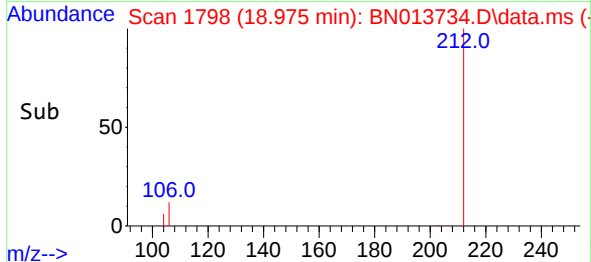
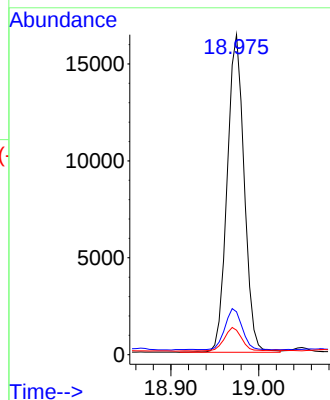
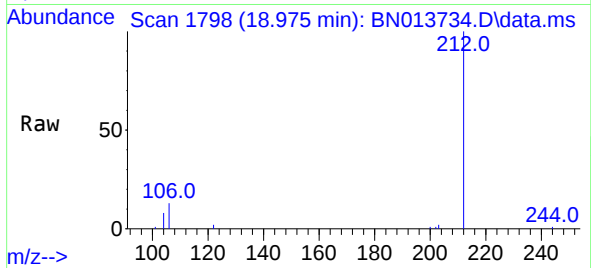




#27
Fluoranthene-d10
Concen: 0.31 ng
RT: 18.975 min Scan# 1798
Delta R.T. 0.003 min
Lab File: BN013734.D
Acq: 22 Feb 2021 17:04

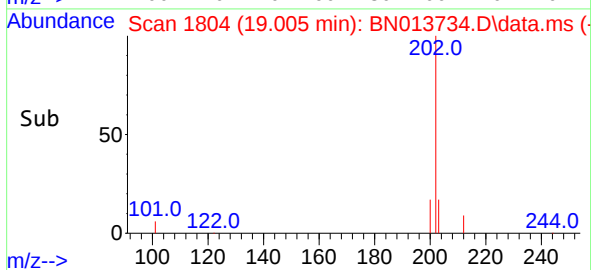
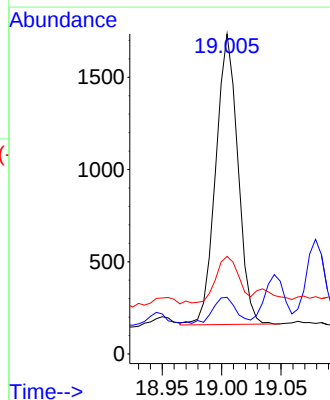
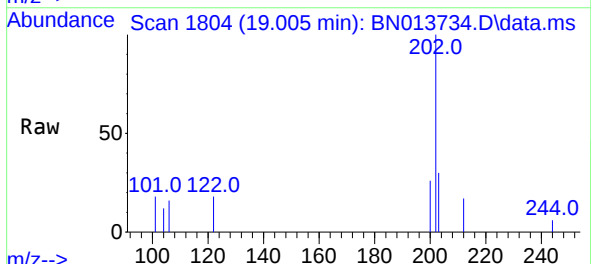
Instrument :
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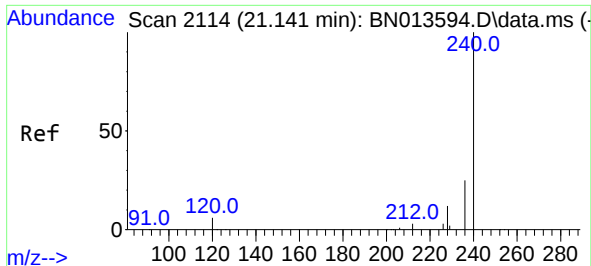
Tgt Ion:212 Resp: 22027
Ion Ratio Lower Upper
212 100
106 13.0 9.7 14.5
104 7.6 5.5 8.3



#28
Fluoranthene
Concen: 0.03 ng
RT: 19.005 min Scan# 1804
Delta R.T. 0.003 min
Lab File: BN013734.D
Acq: 22 Feb 2021 17:04

Tgt Ion:202 Resp: 2036
Ion Ratio Lower Upper
202 100
101 9.6 8.1 12.1
203 18.3 13.9 20.9

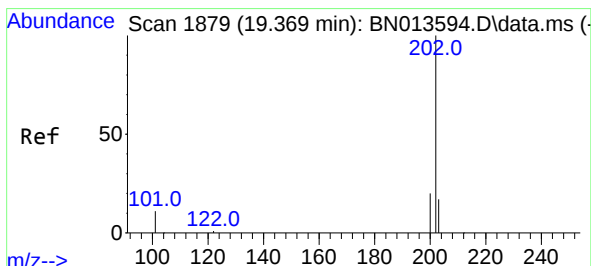
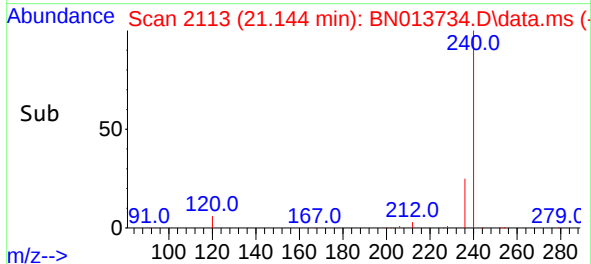
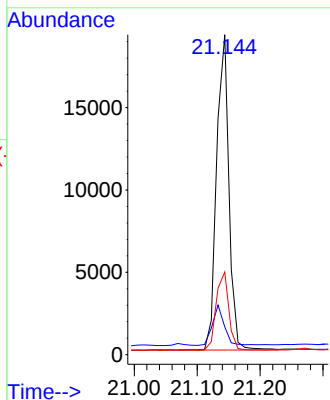
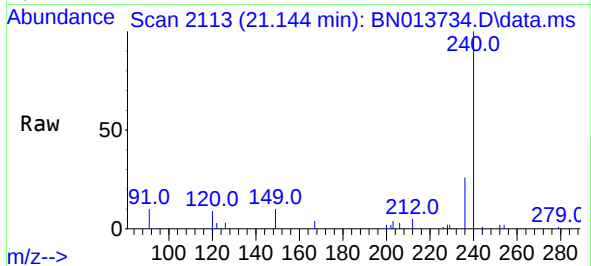




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.144 min Scan# 2113
Delta R.T. 0.013 min
Lab File: BN013734.D
Acq: 22 Feb 2021 17:04

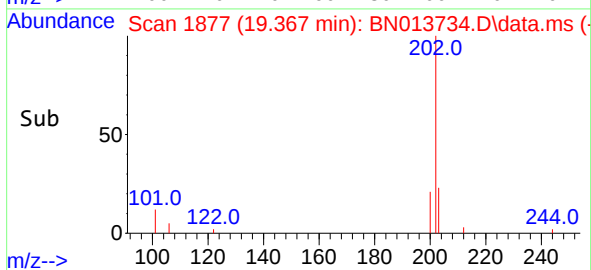
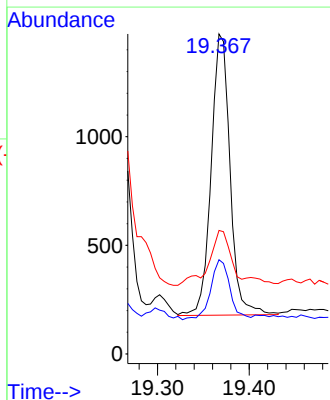
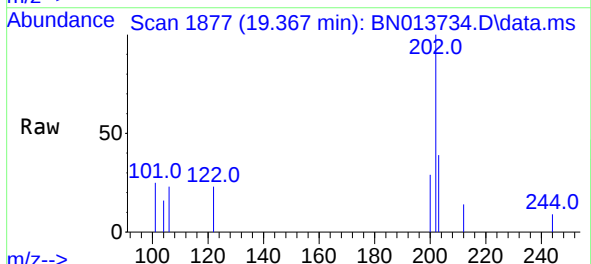
Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW6-GW-578-580

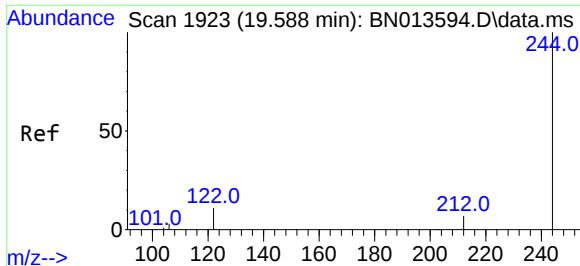
Tgt Ion:	240	Resp:	26090
Ion Ratio	Lower	Upper	
240	100		
120	8.7	10.2	15.4#
236	25.8	21.3	31.9



#30
Pyrene
Concen: 0.02 ng
RT: 19.367 min Scan# 1877
Delta R.T. 0.003 min
Lab File: BN013734.D
Acq: 22 Feb 2021 17:04

Tgt Ion:	202	Resp:	1856
Ion Ratio	Lower	Upper	
202	100		
200	19.7	16.3	24.5
203	22.1	14.0	21.0#

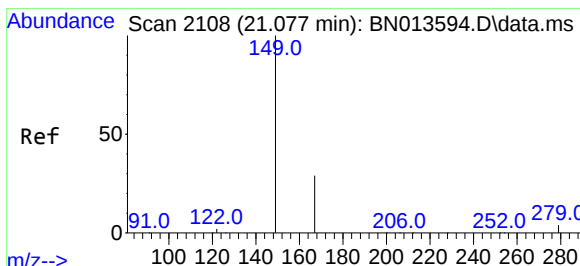
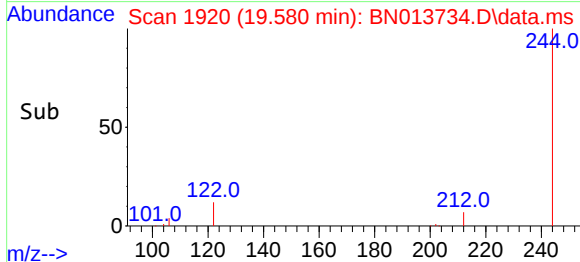
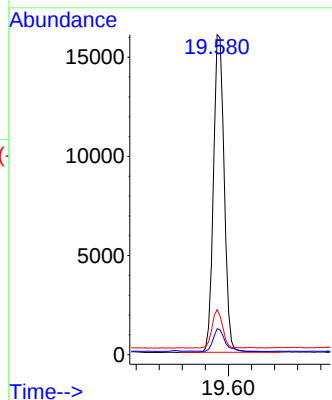
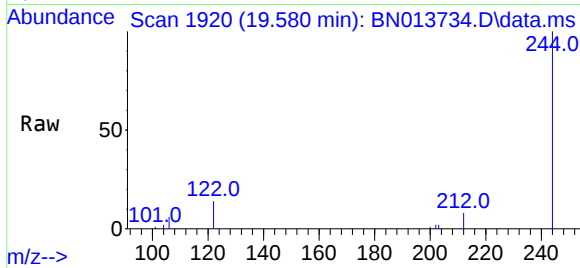




#31
Terphenyl-d14
Concen: 0.35 ng
RT: 19.580 min Scan# 1920
Delta R.T. -0.002 min
Lab File: BN013734.D
Acq: 22 Feb 2021 17:04

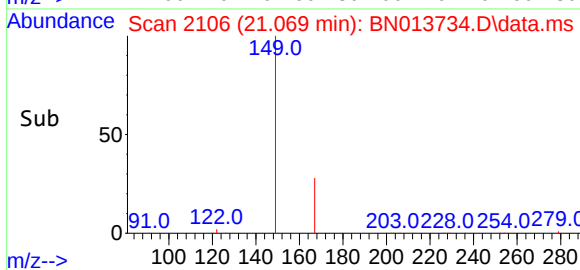
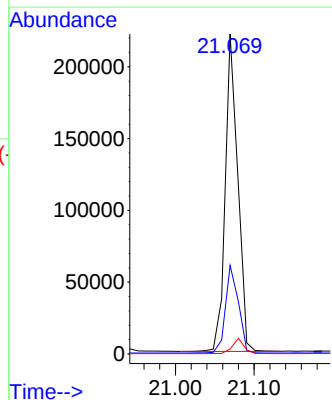
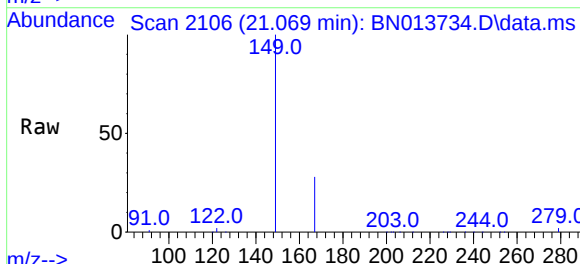
Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW6-GW-578-580

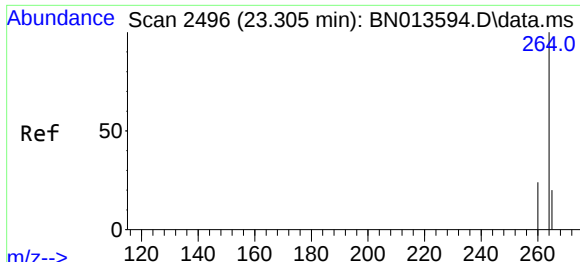
Tgt Ion:244 Resp: 20590
Ion Ratio Lower Upper
244 100
212 8.1 6.1 9.1
122 14.1 9.8 14.8



#34
Bis(2-ethylhexyl)phthalate
Concen: 11.87 ng
RT: 21.069 min Scan# 2106
Delta R.T. 0.003 min
Lab File: BN013734.D
Acq: 22 Feb 2021 17:04

Tgt Ion:149 Resp: 243087
Ion Ratio Lower Upper
149 100
167 28.4 22.1 33.1
279 4.5 3.5 5.3





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.311 min Scan# 2496
 Delta R.T. 0.009 min
 Lab File: BN013734.D
 Acq: 22 Feb 2021 17:04

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-VPB-RW6-GW-578-580

Tgt Ion:264 Resp: 25671

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.3	28.9
265	42.5	66.2	99.4#

