

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)

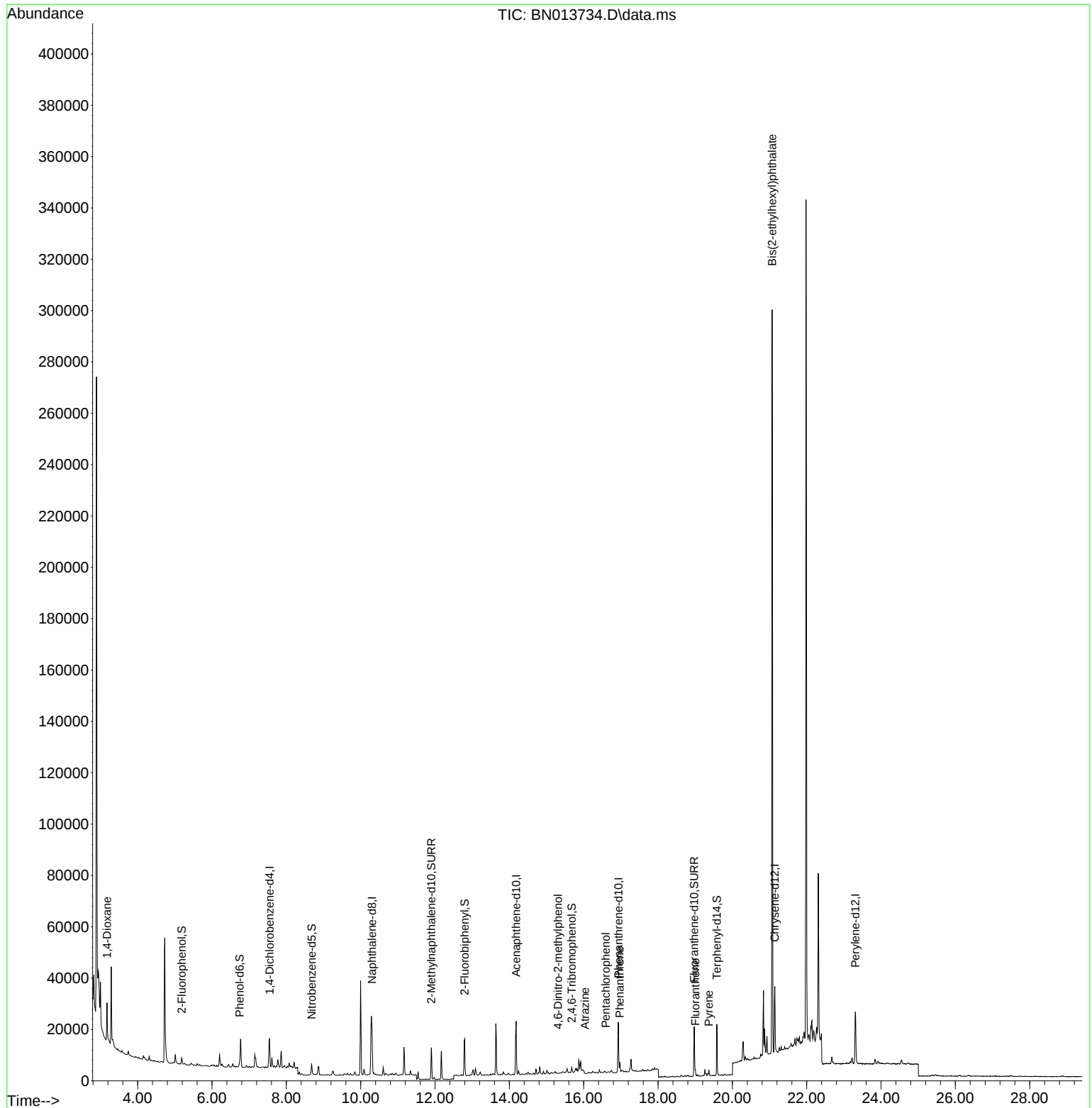
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.547	152	5114	0.40	ng	0.00
7) Naphthalene-d8	10.302	136	21310	0.40	ng	0.00
13) Acenaphthene-d10	14.181	164	12539	0.40	ng	0.00
19) Phenanthrene-d10	16.934	188	26712	0.40	ng	# 0.00
29) Chrysene-d12	21.144	240	26090	0.40	ng	# 0.01
36) Perylene-d12	23.311	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
20) 4,6-Dinitro-2-methylph...	15.310	198	18	0.16	ng	# 1
23) Atrazine	16.033	200	229	0.03	ng	# 1
24) Pentachlorophenol	16.593	266	68	0.21	ng	92
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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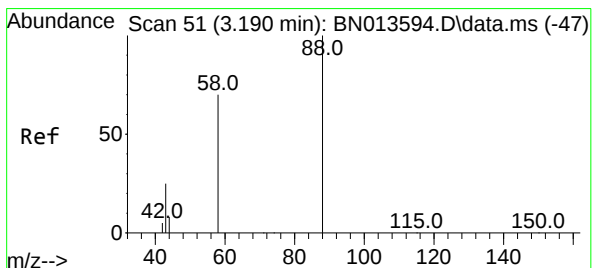
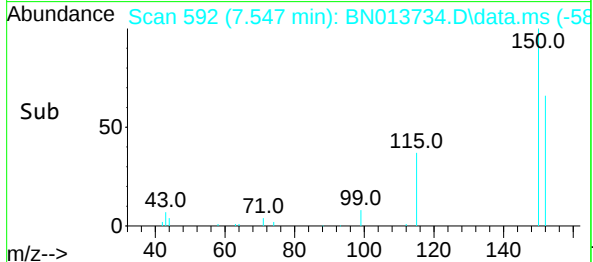
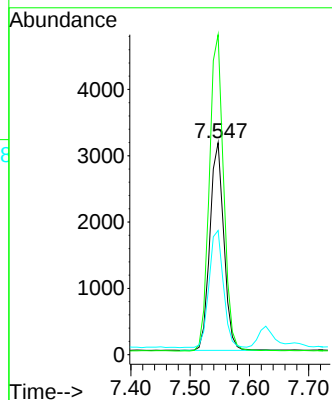
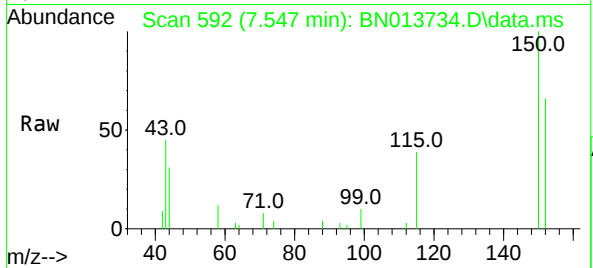




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.547 min Scan# 592
 Delta R.T. 0.000 min
 Lab File: BN013734.D
 Acq: 22 Feb 2021 17:04

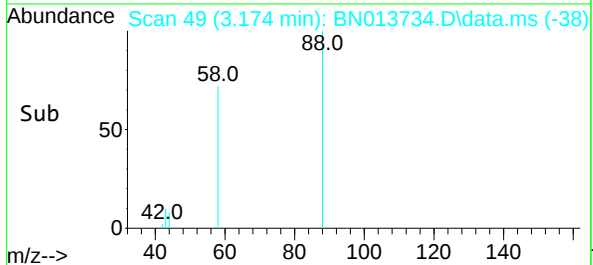
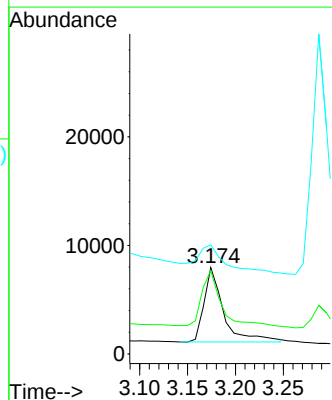
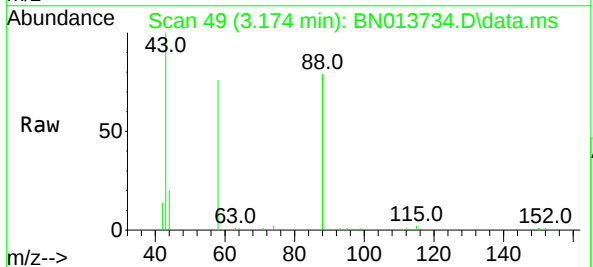
Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-VPB-RW6-GW-578-580

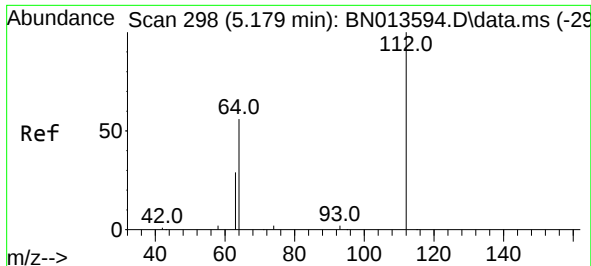
Tgt Ion:152 Resp: 5114
 Ion Ratio Lower Upper
 152 100
 150 150.9 121.8 182.8
 115 58.6 46.6 69.8



#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#

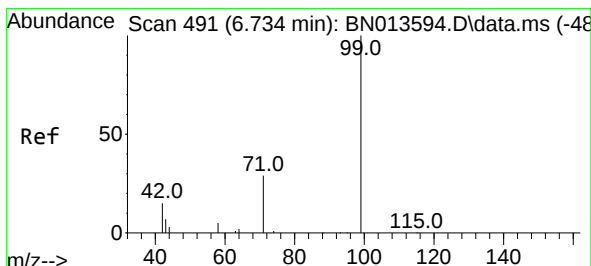
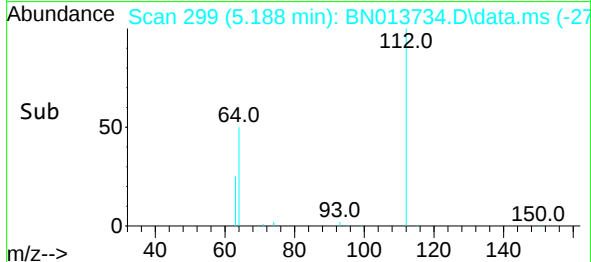
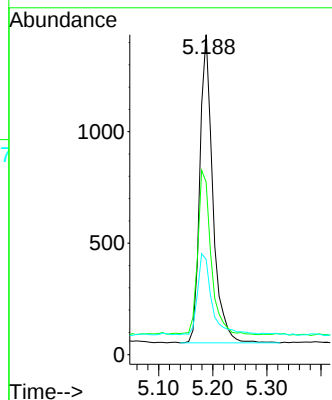
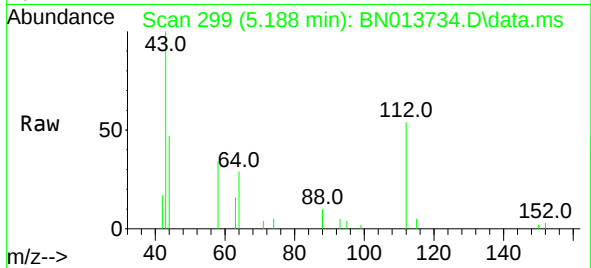




#4
2-Fluorophenol
Concen: 0.21 ng
RT: 5.188 min Scan# 299
Delta R.T. 0.008 min
Lab File: BN013734.D
Acq: 22 Feb 2021 17:04

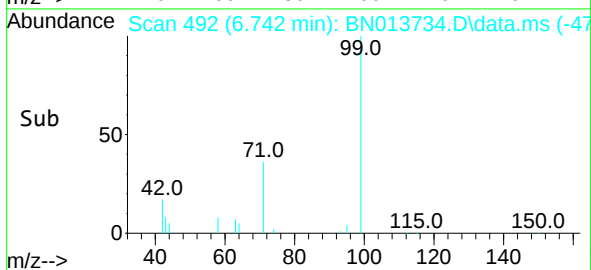
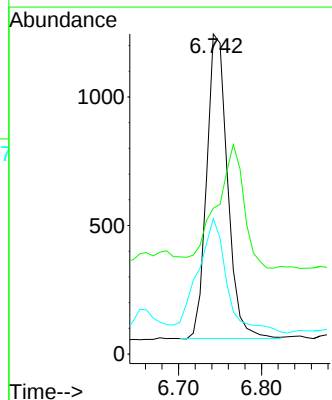
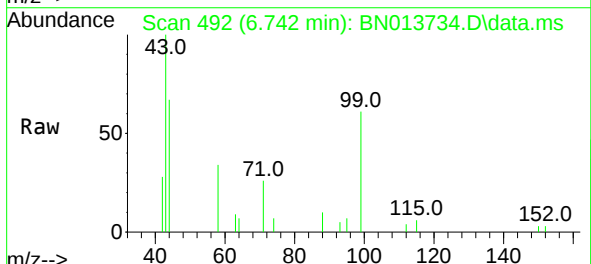
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ClientSampleId :
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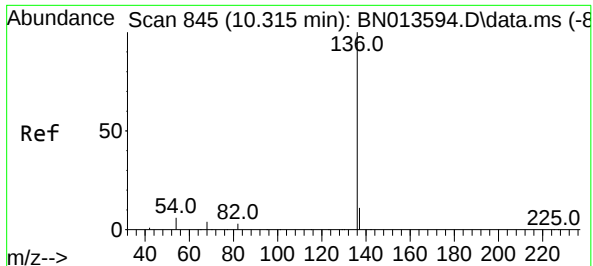
Tgt Ion:	112	Resp:	2291
Ion	Ratio	Lower	Upper
112	100		
64	55.3	44.3	66.5
63	28.6	23.0	34.6



#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

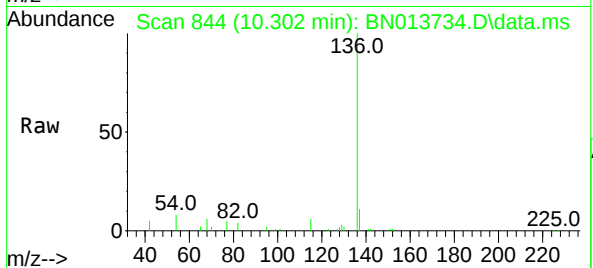
Tgt Ion:	99	Resp:	2067
Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.2	22.8#
71	52.3	26.1	39.1#



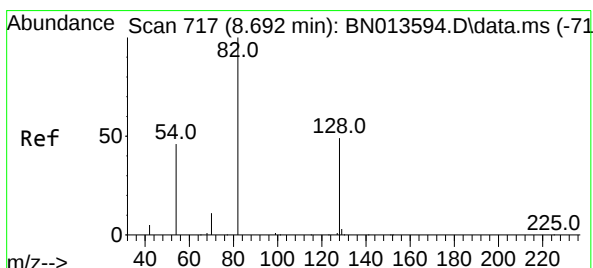
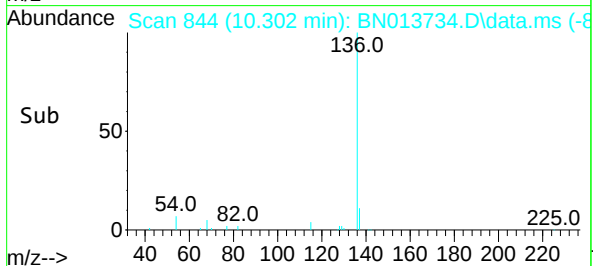
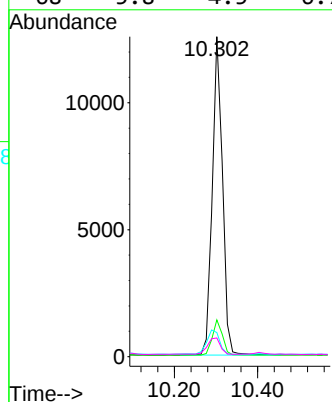


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.302 min Scan# 844
Delta R.T. -0.000 min
Lab File: BN013734.D
Acq: 22 Feb 2021 17:04

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

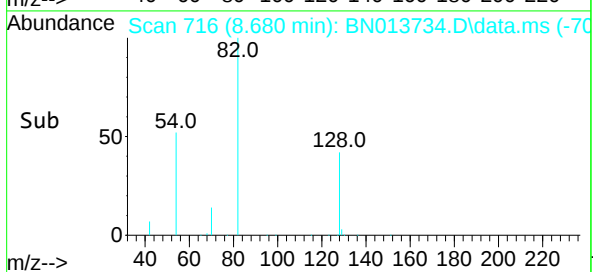
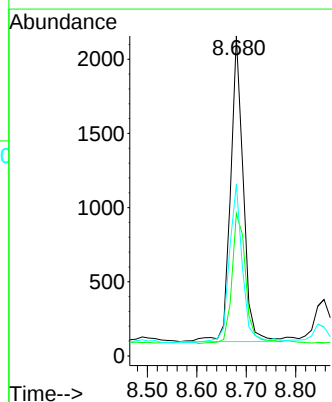
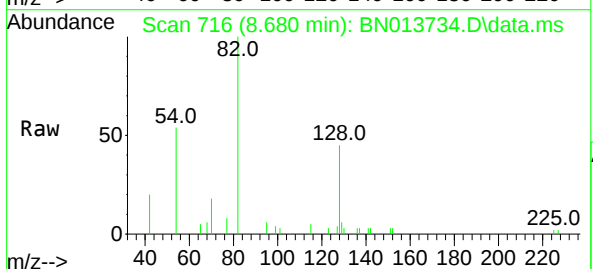


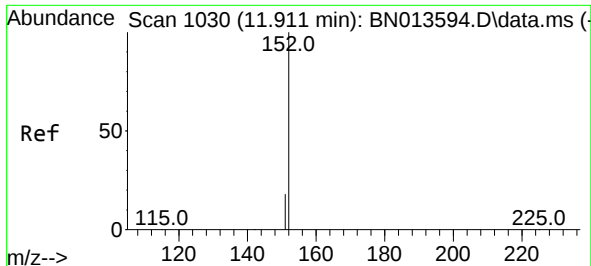
Tgt Ion:136	Resp:	21310
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.0 13.6
54	7.6	6.4 9.6
68	5.8	4.5 6.7



#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

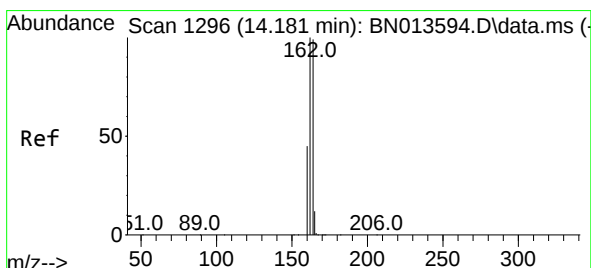
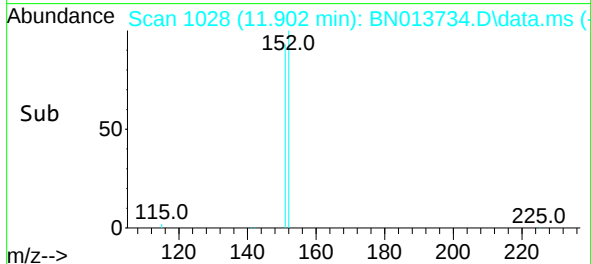
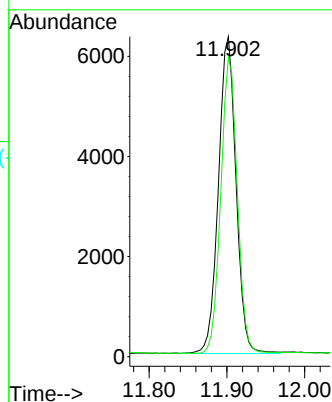
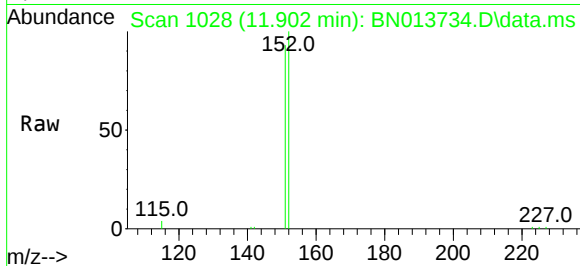




#11
2-Methylnaphthalene-d10
Concen: 0.30 ng
RT: 11.902 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BN013734.D
Acq: 22 Feb 2021 17:04

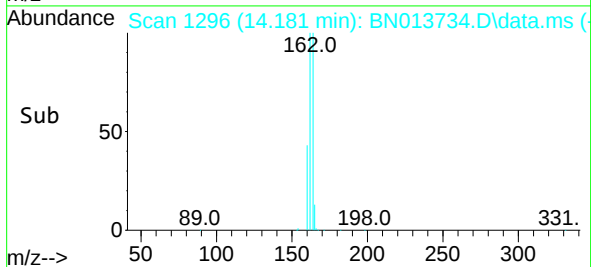
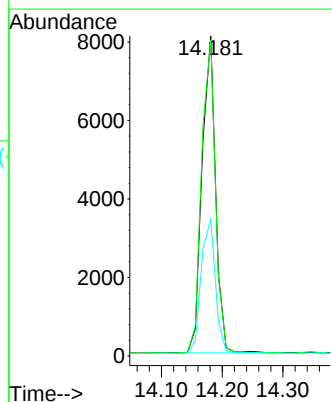
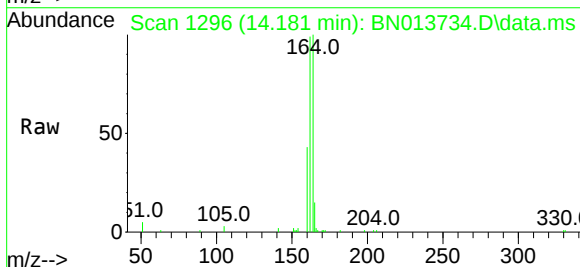
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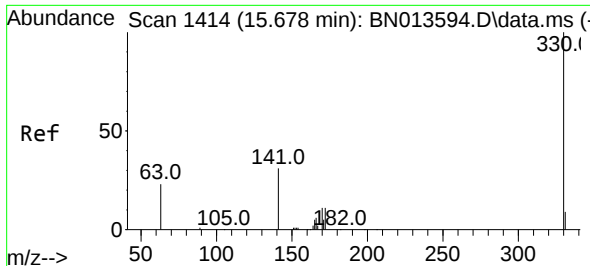
Tgt Ion:152 Resp: 9959
Ion Ratio Lower Upper
152 100
151 88.0 16.2 24.2#



#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

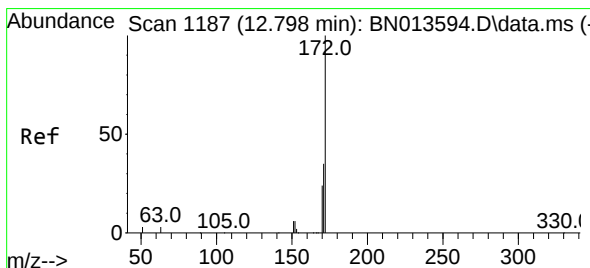
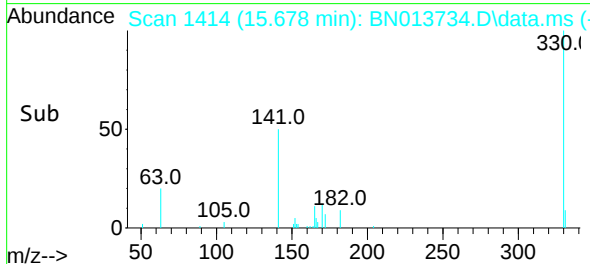
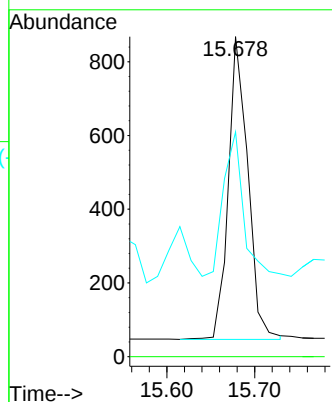
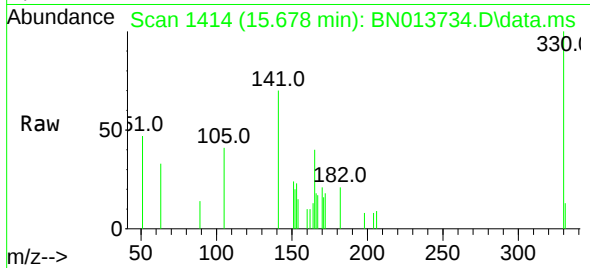




#14
2,4,6-Tribromophenol
Concen: 0.35 ng
RT: 15.678 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BN013734.D
Acq: 22 Feb 2021 17:04

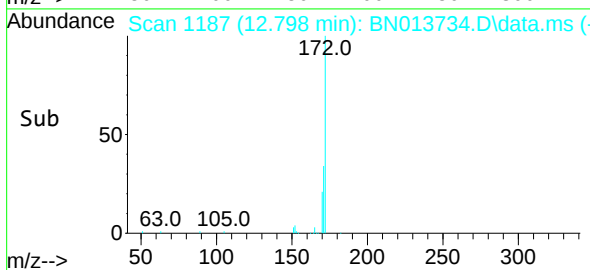
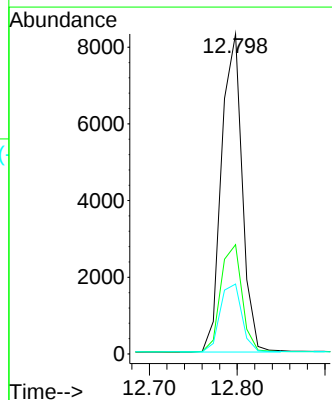
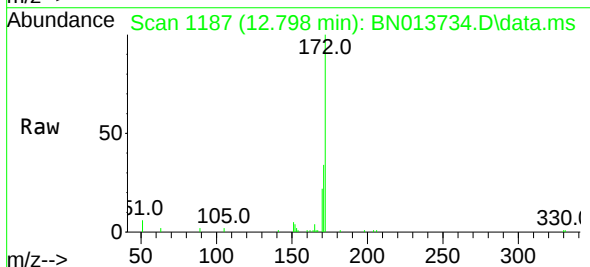
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BP-TT-VPB-RW6-GW-578-580

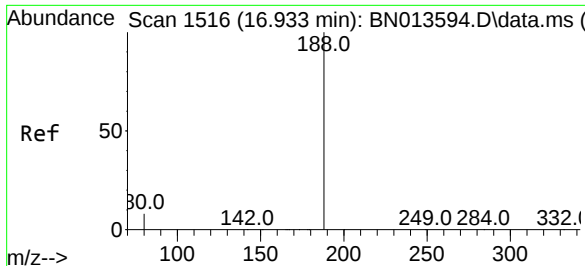
Tgt Ion:330 Resp: 1262
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 48.7 26.8 40.2#



#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

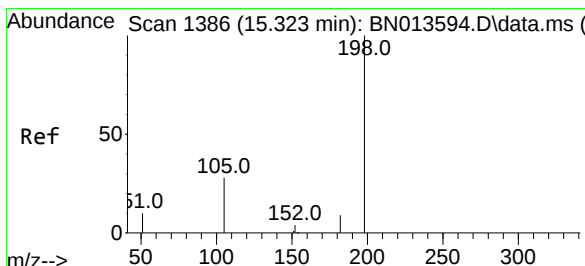
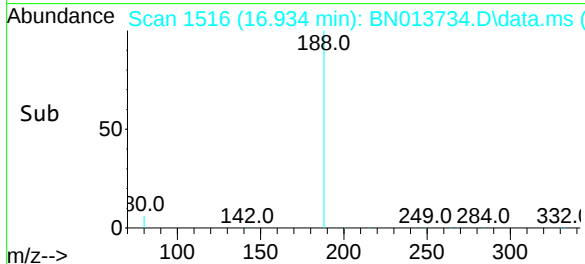
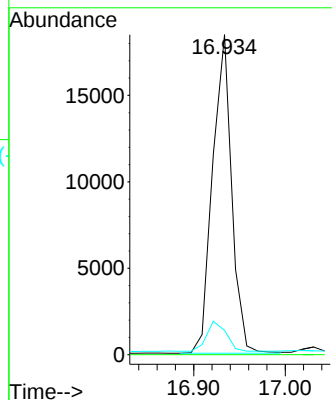
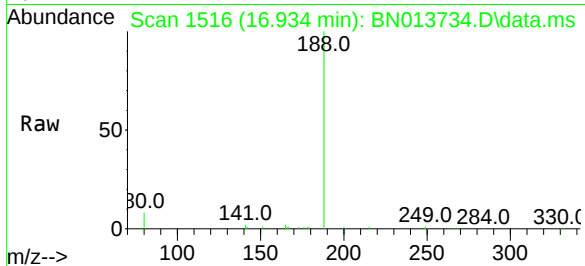




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.934 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BN013734.D
Acq: 22 Feb 2021 17:04

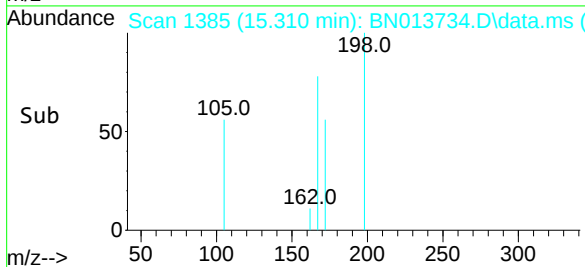
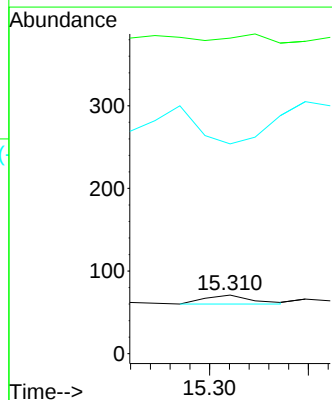
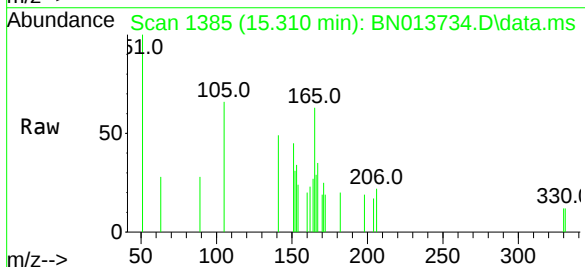
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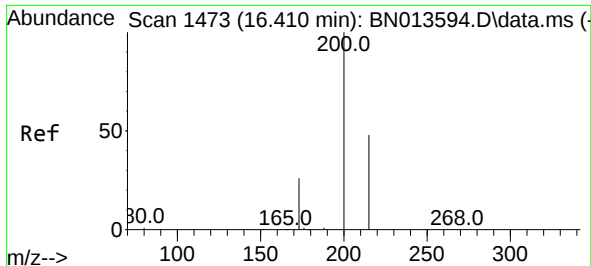
Tgt Ion:188 Resp: 26712
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.6 9.0 13.6#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.16 ng
RT: 15.310 min Scan# 1385
Delta R.T. -0.013 min
Lab File: BN013734.D
Acq: 22 Feb 2021 17:04

Tgt Ion:198 Resp: 18
Ion Ratio Lower Upper
198 100
51 538.0 61.7 92.5#
105 357.7 33.0 49.6#

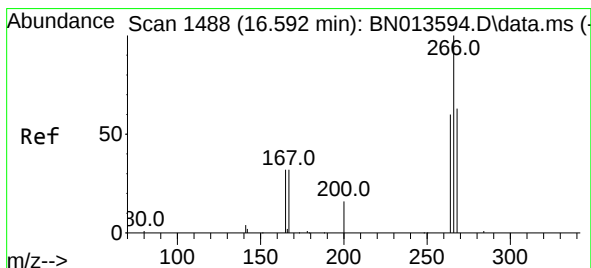
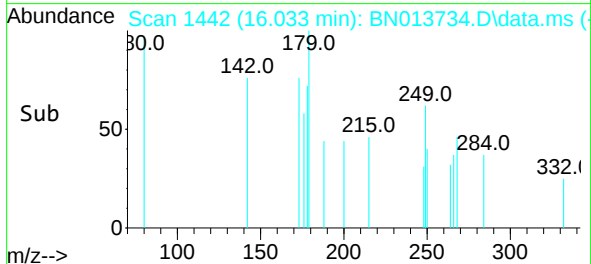
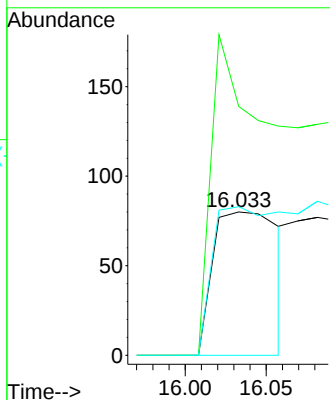
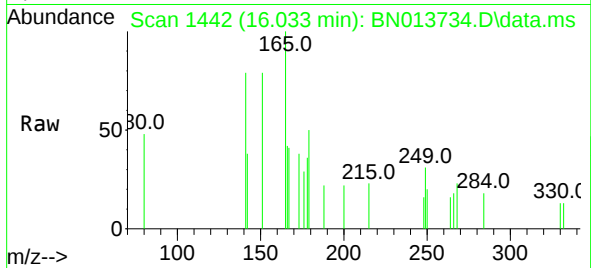




#23
Atrazine
Concen: 0.03 ng
RT: 16.033 min Scan# 1442
Delta R.T. -0.377 min
Lab File: BN013734.D
Acq: 22 Feb 2021 17:04

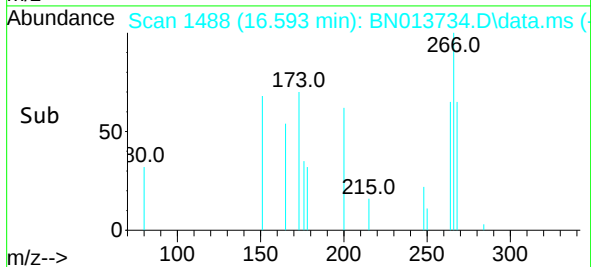
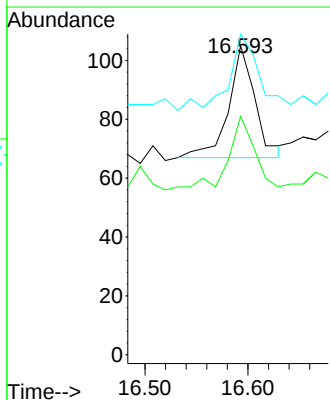
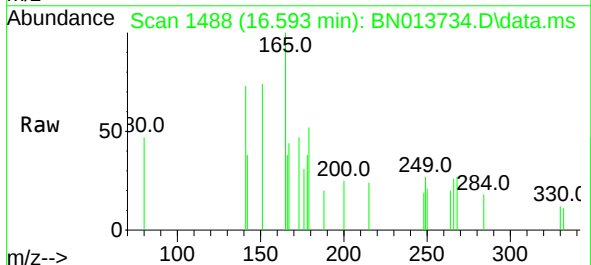
Instrument :
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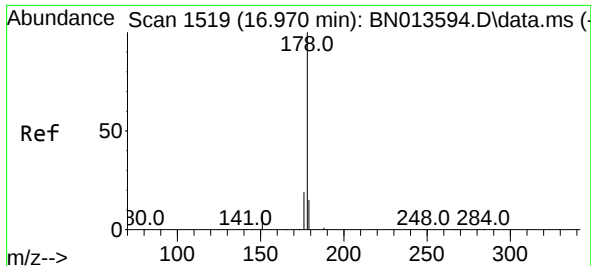
Tgt Ion:200 Resp: 229
Ion Ratio Lower Upper
200 100
173 173.8 18.6 28.0#
215 103.7 41.0 61.6#



#24
Pentachlorophenol
Concen: 0.21 ng
RT: 16.593 min Scan# 1488
Delta R.T. 0.012 min
Lab File: BN013734.D
Acq: 22 Feb 2021 17:04

Tgt Ion:266 Resp: 68
Ion Ratio Lower Upper
266 100
264 66.2 51.6 77.4
268 79.4 54.6 82.0

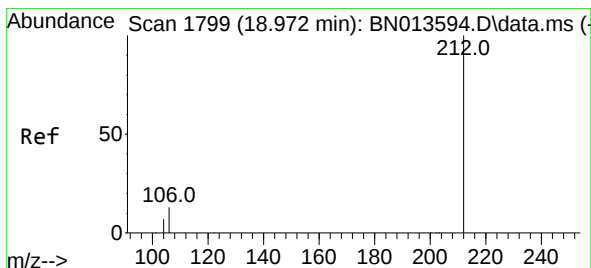
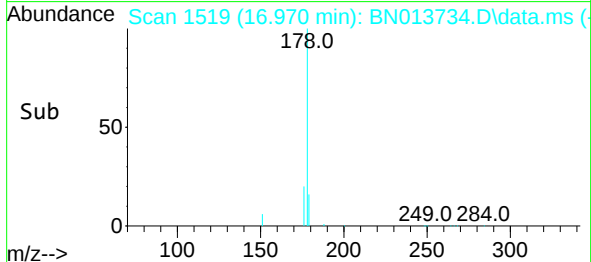
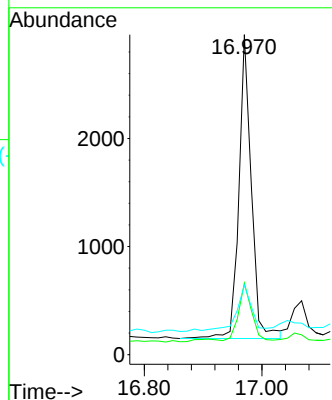
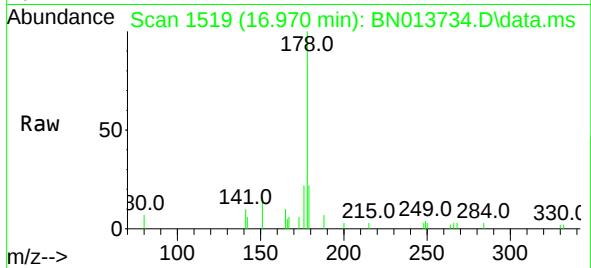




#25
Phenanthrene
Concen: 0.06 ng
RT: 16.970 min Scan# 1519
Delta R.T. 0.000 min
Lab File: BN013734.D
Acq: 22 Feb 2021 17:04

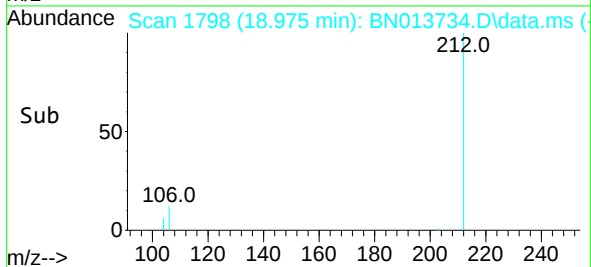
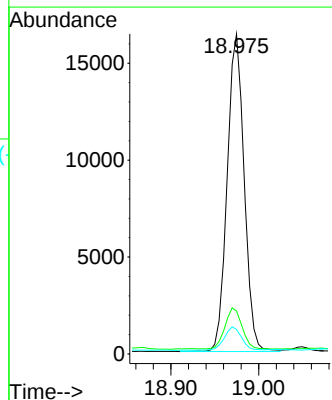
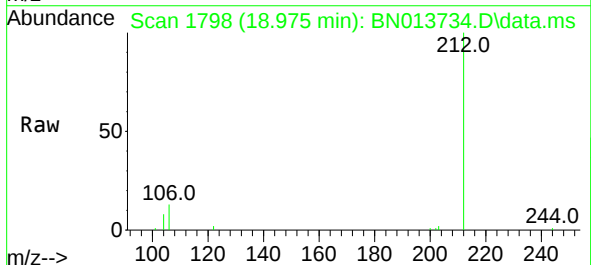
Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW6-GW-578-580

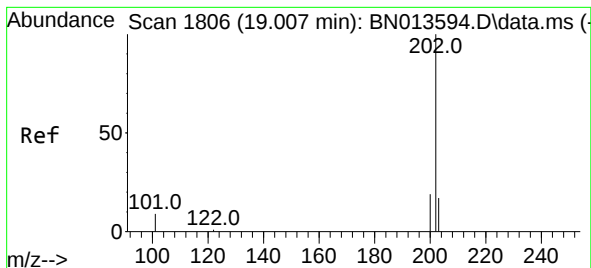
Tgt Ion:178 Resp: 4105
Ion Ratio Lower Upper
178 100
176 19.6 15.0 22.4
179 19.0 12.3 18.5#



#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

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

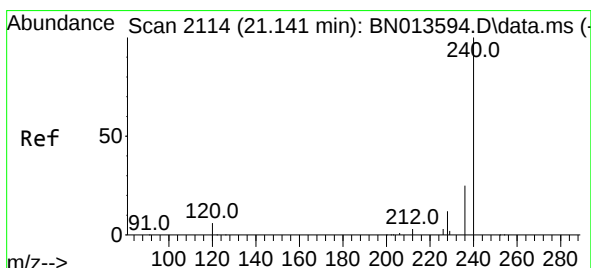
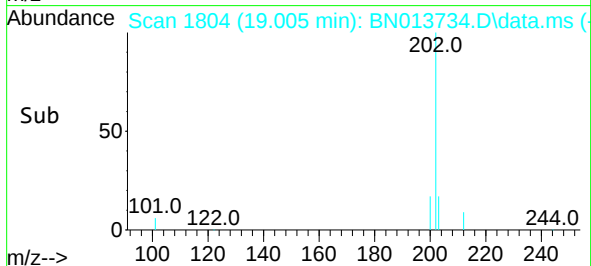
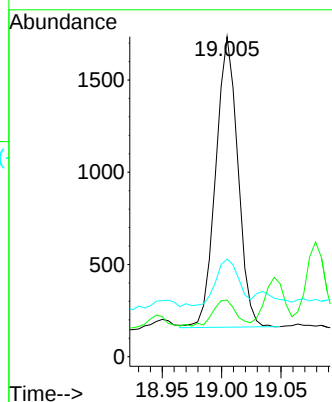
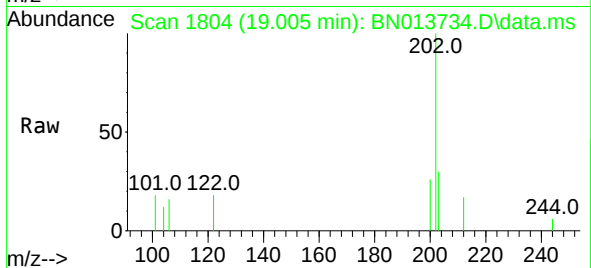
Tgt Ion:202 Resp: 2036

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

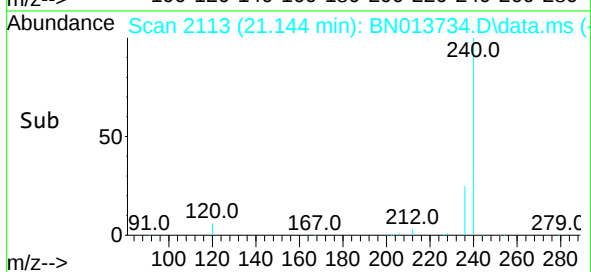
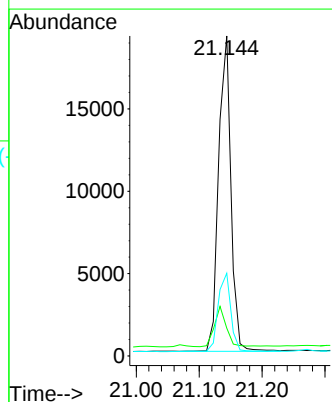
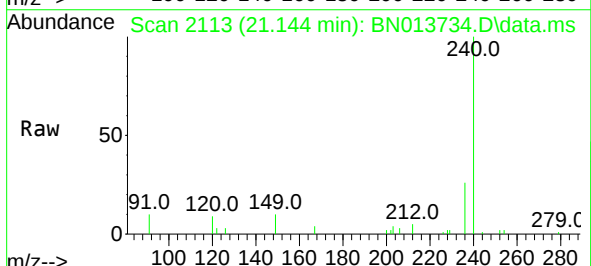
Tgt Ion:240 Resp: 26090

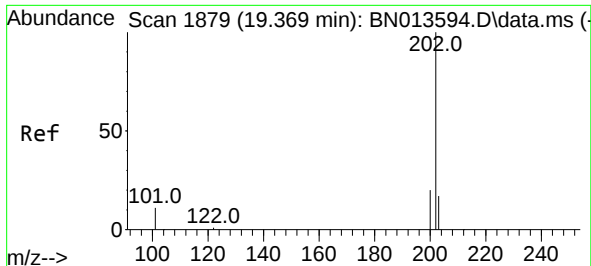
Ion Ratio Lower Upper

240 100

120 8.7 10.2 15.4#

236 25.8 21.3 31.9

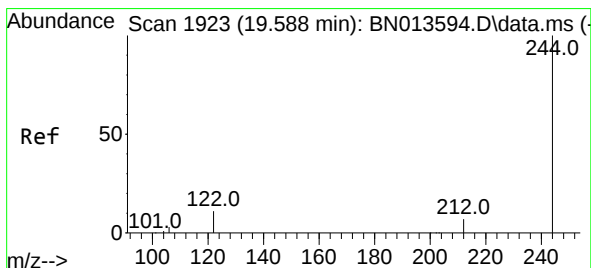
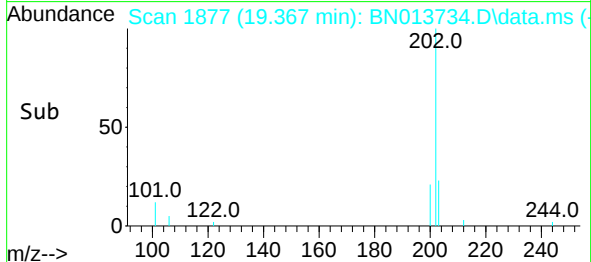
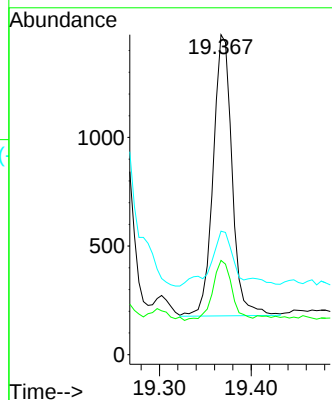
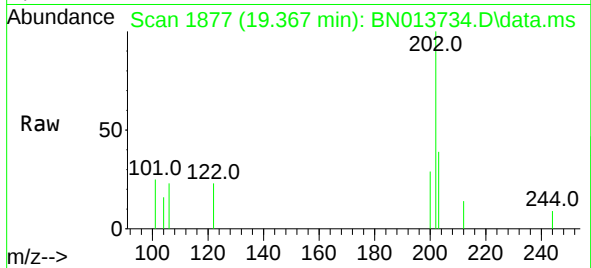




#30
Pyrene
Concen: 0.02 ng
RT: 19.367 min Scan# 1877
Delta R.T. 0.003 min
Lab File: BN013734.D
Acq: 22 Feb 2021 17:04

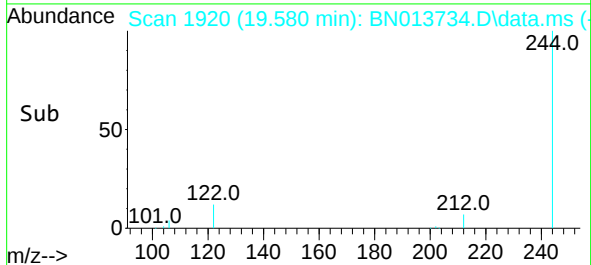
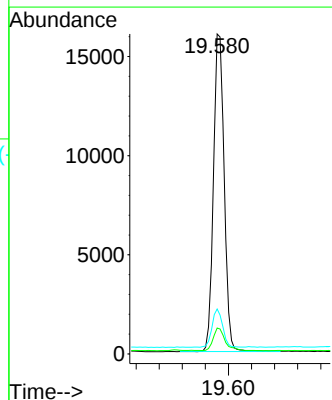
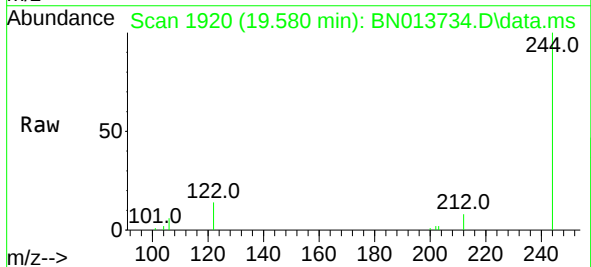
Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW6-GW-578-580

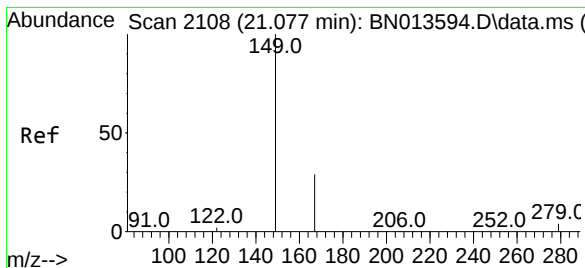
Tgt Ion:202 Resp: 1856
Ion Ratio Lower Upper
202 100
200 19.7 16.3 24.5
203 22.1 14.0 21.0#



#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

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

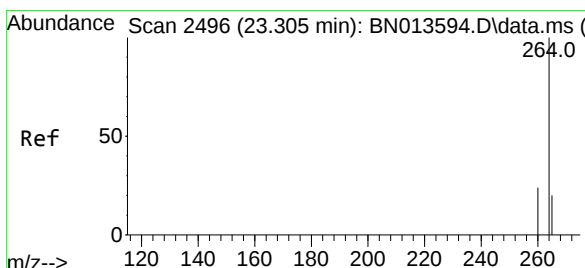
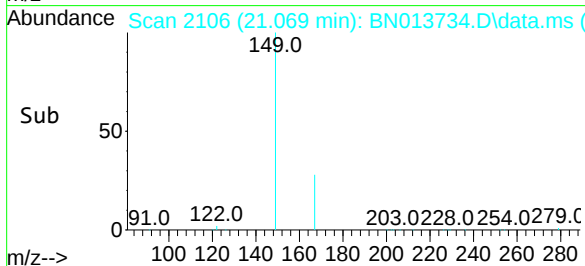
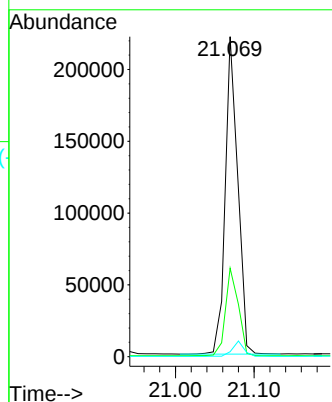
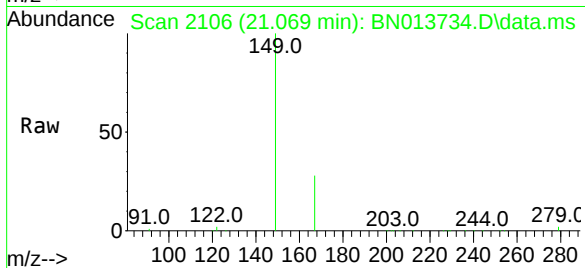




#34
Bis(2-ethylhexyl)phthalate
Concen: 11.87 ng
RT: 21.069 min Scan# 2106
Delta R.T. 0.003 min
Lab File: BN013734.D
Acq: 22 Feb 2021 17:04

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

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

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#

