

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022221\
 Data File : BN013732.D
 Acq On : 22 Feb 2021 15:52
 Operator : CG/JU
 Sample : M1457-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR1-102-117-021921

Quant Time: Feb 22 16:21:40 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)

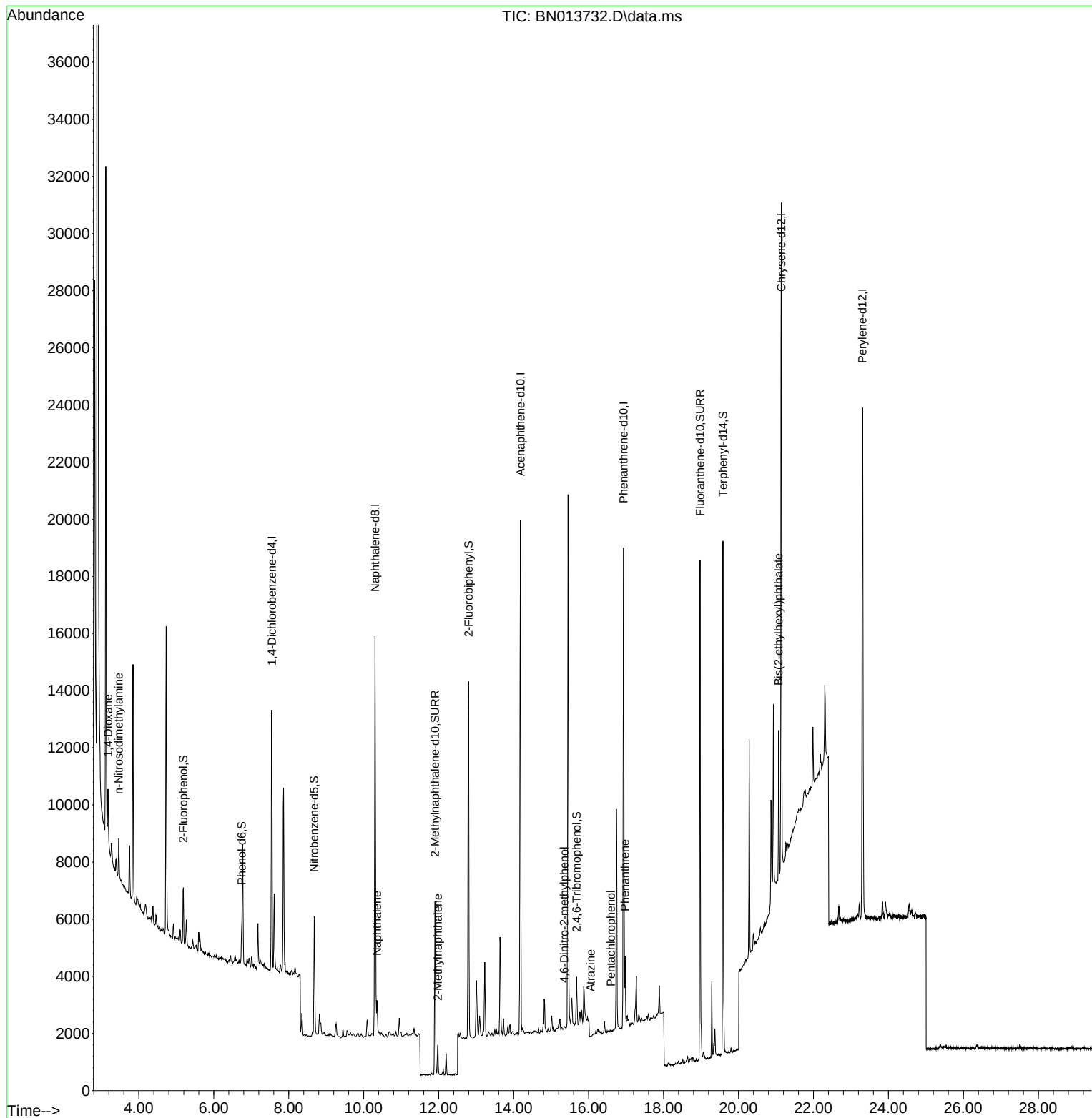
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.547	152	4556	0.40	ng	0.00
7) Naphthalene-d8	10.302	136	18508	0.40	ng	0.00
13) Acenaphthene-d10	14.181	164	10713	0.40	ng	0.00
19) Phenanthrene-d10	16.933	188	22871	0.40	ng	# 0.00
29) Chrysene-d12	21.143	240	23719	0.40	ng	# 0.01
36) Perylene-d12	23.307	264	23419	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.187	112	1642	0.17	ng	0.00
5) Phenol-d6	6.742	99	1124	0.09	ng	0.02
8) Nitrobenzene-d5	8.680	82	3391	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	11.902	152	8387	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.678	330	1250	0.41	ng	0.00
15) 2-Fluorobiphenyl	12.798	172	12104	0.30	ng	0.00
27) Fluoranthene-d10	18.975	212	19574	0.32	ng	0.00
31) Terphenyl-d14	19.585	244	18245	0.35	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.182	88	1069	0.21	ng	# 51
3) n-Nitrosodimethylamine	3.464	42	219	0.06	ng	# 1
9) Naphthalene	10.352	128	1331	0.03	ng	# 83
12) 2-Methylnaphthalene	11.977	142	767	0.02	ng	# 89
20) 4,6-Dinitro-2-methylph...	15.348	198	9	0.15	ng	# 1
23) Atrazine	16.057	200	271	0.04	ng	# 1
24) Pentachlorophenol	16.593	266	59	0.22	ng	# 38
25) Phenanthrene	16.970	178	2461	0.04	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.069	149	4348	0.23	ng	# 97

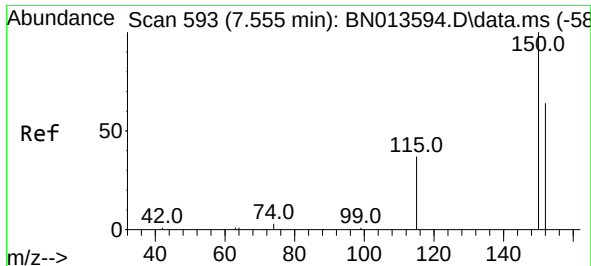
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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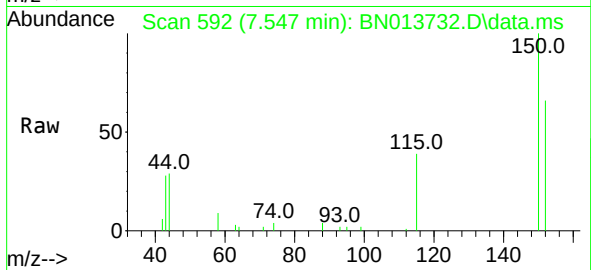
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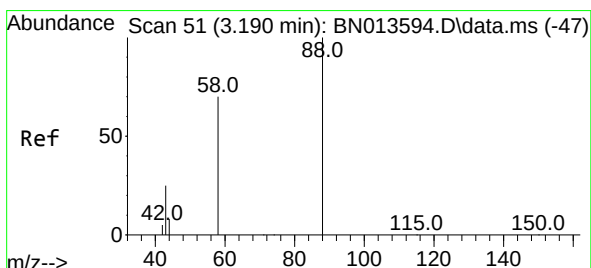
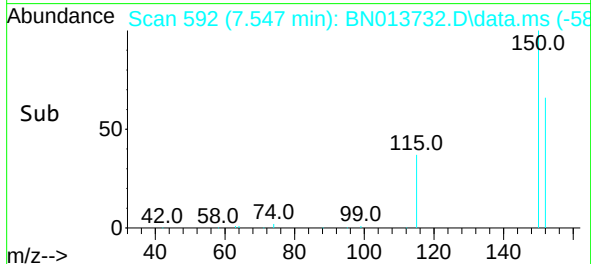
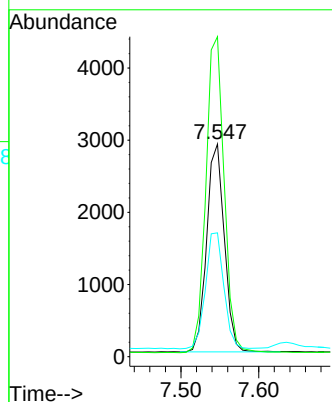


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.547 min Scan# 592
Delta R.T. -0.000 min
Lab File: BN013732.D
Acq: 22 Feb 2021 15:52

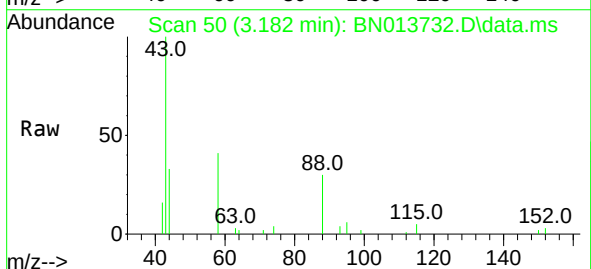
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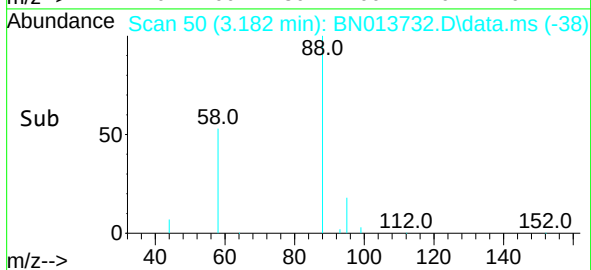
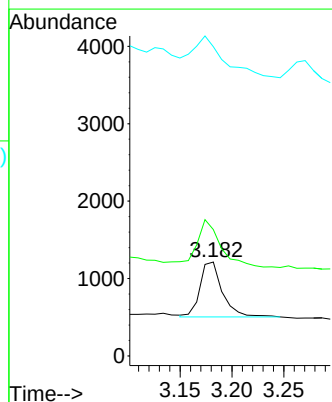
Tgt Ion:152 Resp: 4556
Ion Ratio Lower Upper
152 100
150 150.5 121.8 182.8
115 58.2 46.6 69.8

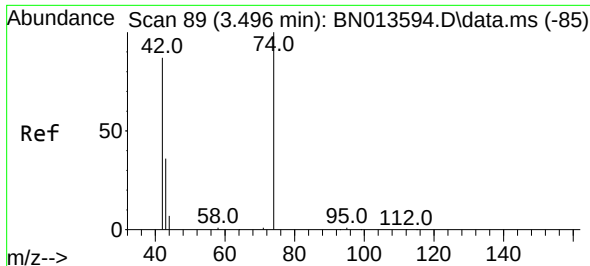


#2
1,4-Dioxane
Concen: 0.21 ng
RT: 3.182 min Scan# 50
Delta R.T. -0.000 min
Lab File: BN013732.D
Acq: 22 Feb 2021 15:52



Tgt Ion: 88 Resp: 1069
Ion Ratio Lower Upper
88 100
58 94.2 64.6 96.8
43 107.9 26.6 40.0#

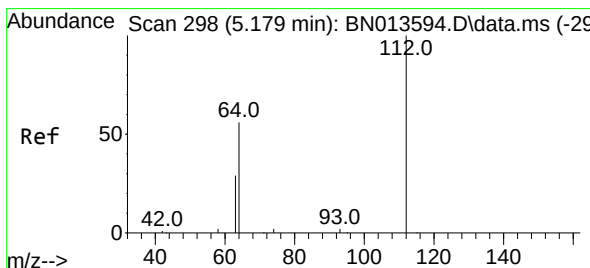
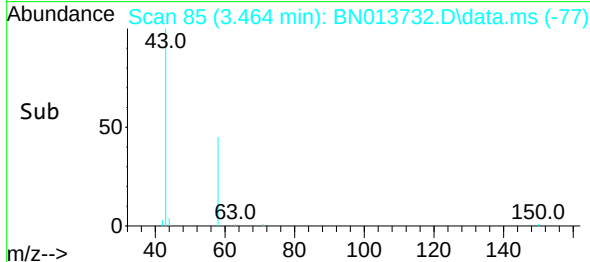
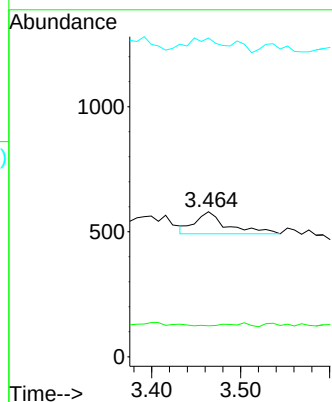
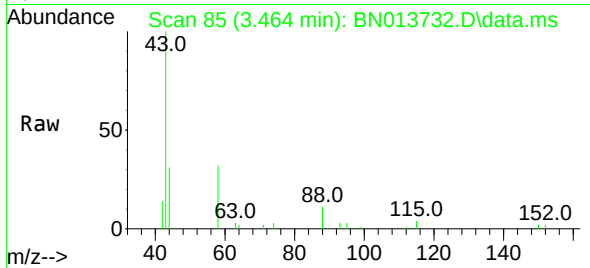




#3
n-Nitrosodimethylamine
Concen: 0.06 ng
RT: 3.464 min Scan# 85
Delta R.T. -0.033 min
Lab File: BN013732.D
Acq: 22 Feb 2021 15:52

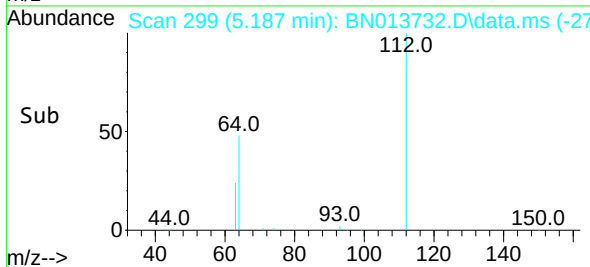
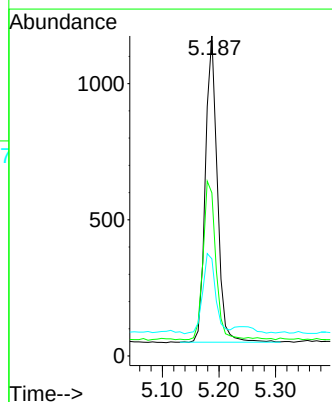
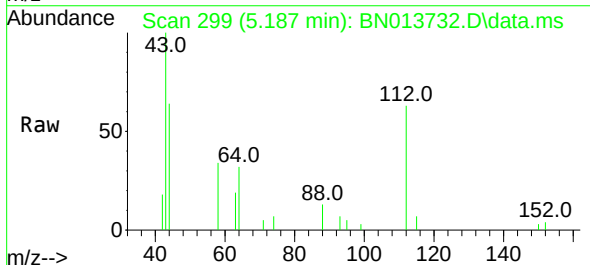
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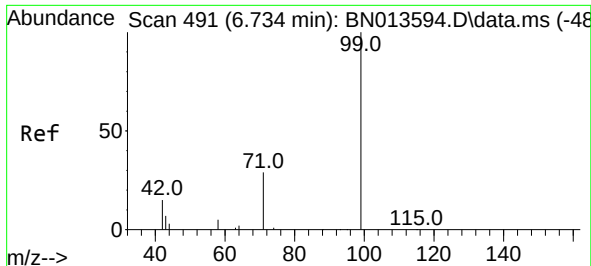
Tgt Ion: 42 Resp: 219
Ion Ratio Lower Upper
42 100
74 0.0 95.0 142.6#
44 56.6 5.8 8.8#



#4
2-Fluorophenol
Concen: 0.17 ng
RT: 5.187 min Scan# 299
Delta R.T. 0.008 min
Lab File: BN013732.D
Acq: 22 Feb 2021 15:52

Tgt Ion: 112 Resp: 1642
Ion Ratio Lower Upper
112 100
64 54.8 44.3 66.5
63 28.3 23.0 34.6

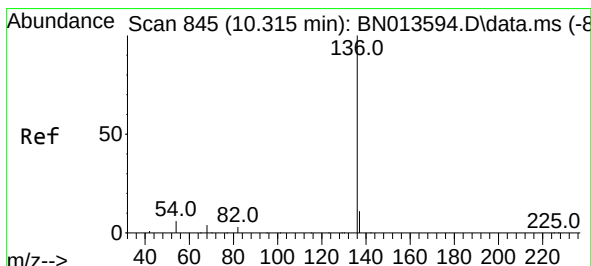
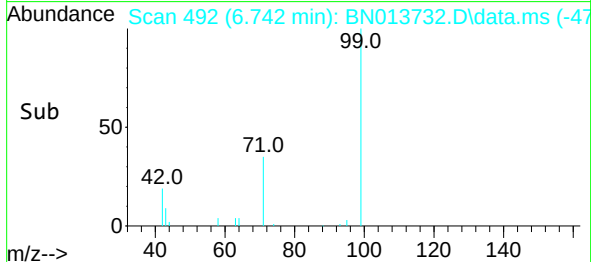
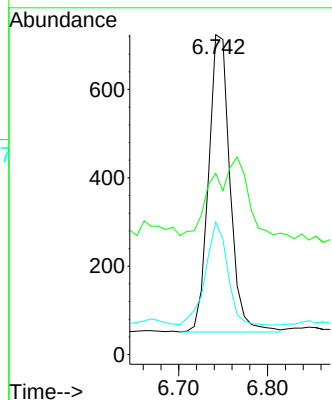
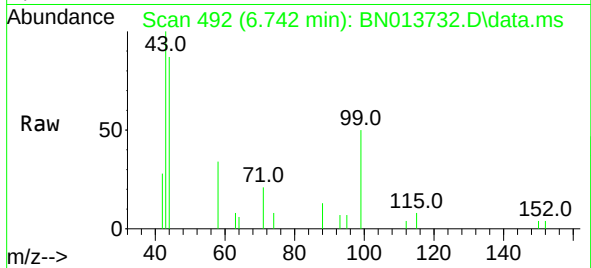




#5
Phenol-d6
Concen: 0.09 ng
RT: 6.742 min Scan# 492
Delta R.T. 0.016 min
Lab File: BN013732.D
Acq: 22 Feb 2021 15:52

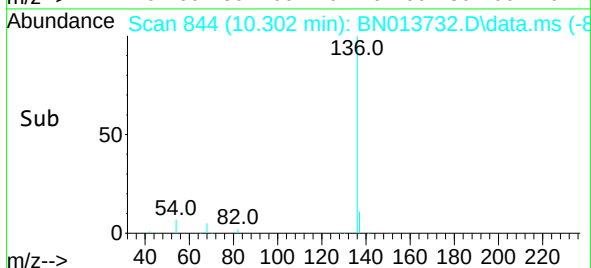
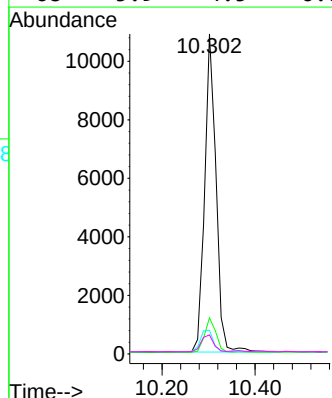
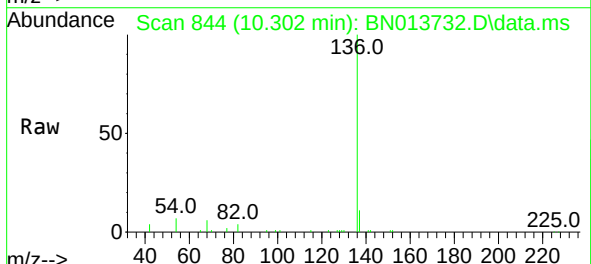
Instrument :
BNA_N
ClientSampleId :
GWBR1-102-117-021921

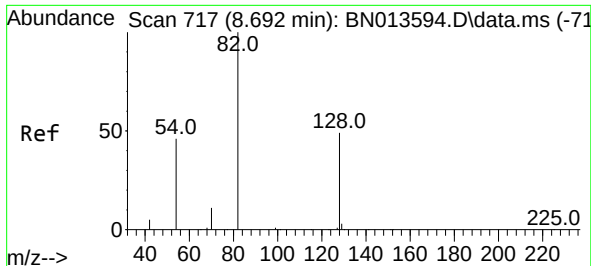
Tgt Ion: 99 Resp: 1124
Ion Ratio Lower Upper
99 100
42 0.0 15.2 22.8#
71 35.5 26.1 39.1



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.302 min Scan# 844
Delta R.T. -0.000 min
Lab File: BN013732.D
Acq: 22 Feb 2021 15:52

Tgt Ion: 136 Resp: 18508
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 7.4 6.4 9.6
68 5.9 4.5 6.7

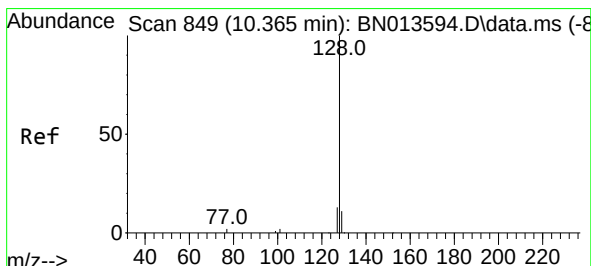
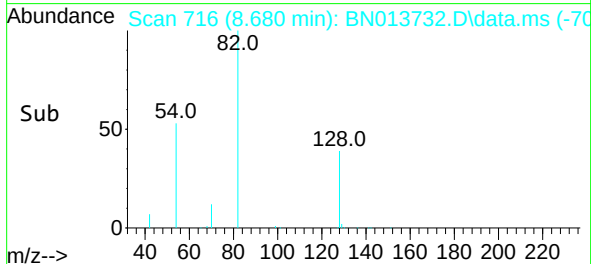
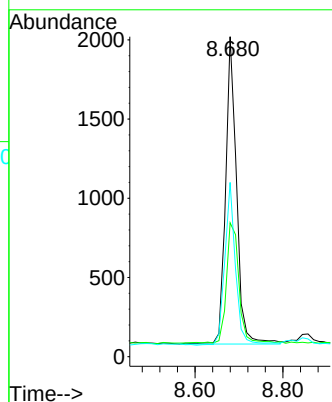
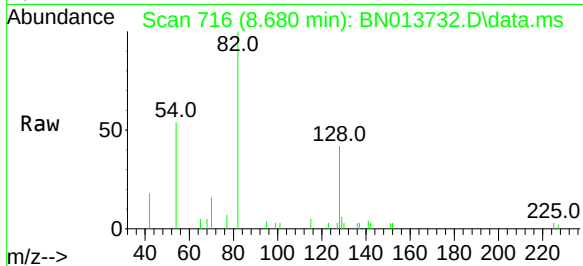




#8
Nitrobenzene-d5
Concen: 0.33 ng
RT: 8.680 min Scan# 716
Delta R.T. -0.000 min
Lab File: BN013732.D
Acq: 22 Feb 2021 15:52

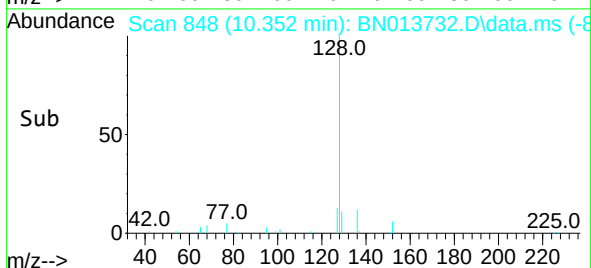
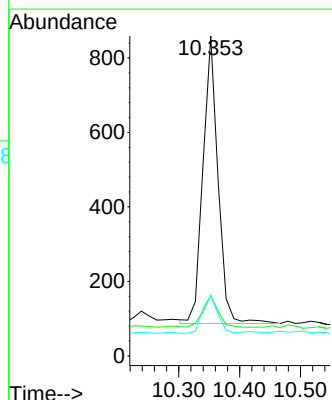
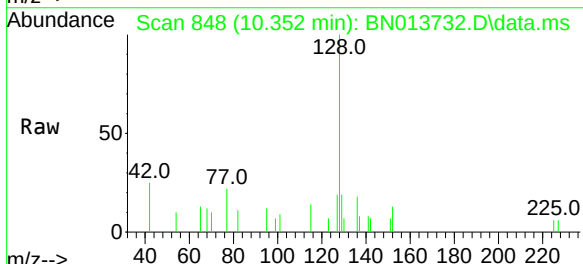
Instrument :
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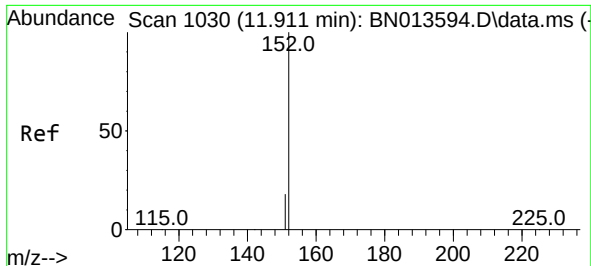
Tgt Ion: 82 Resp: 3391
Ion Ratio Lower Upper
82 100
128 41.8 39.2 58.8
54 54.5 40.1 60.1



#9
Naphthalene
Concen: 0.03 ng
RT: 10.352 min Scan# 848
Delta R.T. -0.000 min
Lab File: BN013732.D
Acq: 22 Feb 2021 15:52

Tgt Ion: 128 Resp: 1331
Ion Ratio Lower Upper
128 100
129 18.9 9.0 13.4#
127 19.0 10.4 15.6#

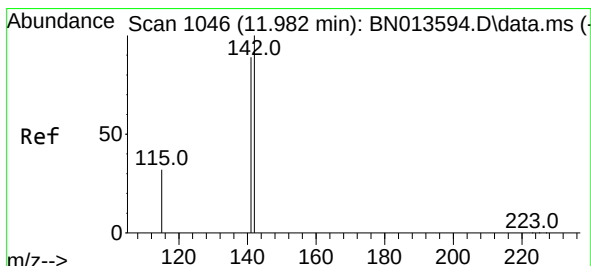
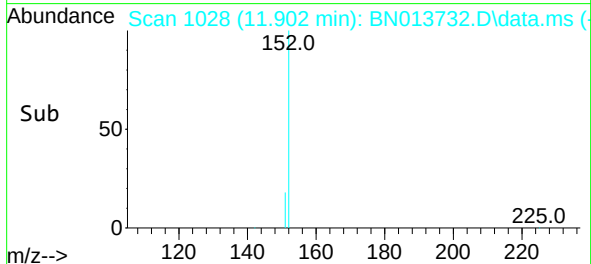
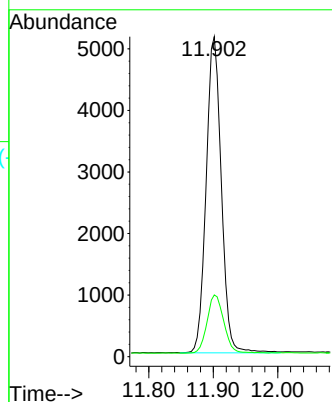
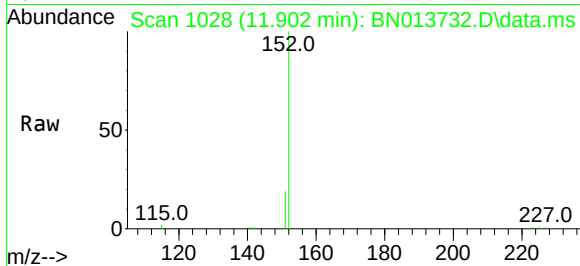




#11
2-Methylnaphthalene-d10
Concen: 0.29 ng
RT: 11.902 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BN013732.D
Acq: 22 Feb 2021 15:52

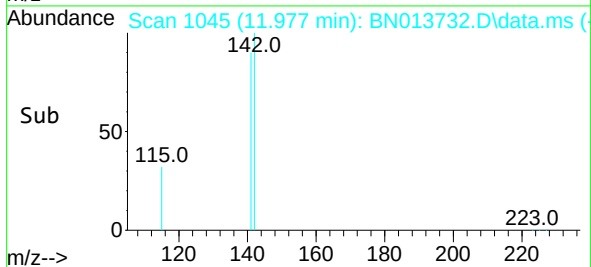
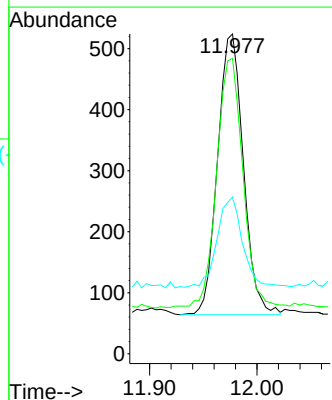
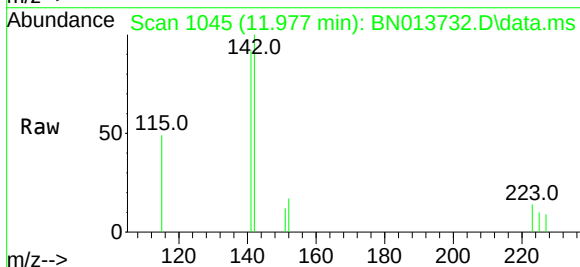
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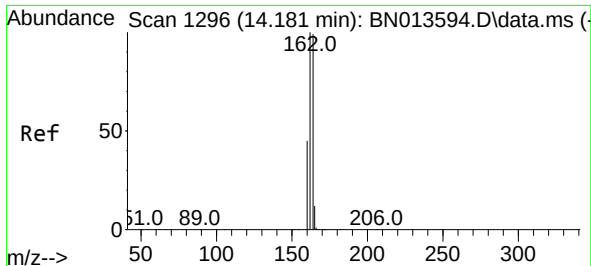
Tgt Ion:152 Resp: 8387
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2



#12
2-Methylnaphthalene
Concen: 0.02 ng
RT: 11.977 min Scan# 1045
Delta R.T. -0.000 min
Lab File: BN013732.D
Acq: 22 Feb 2021 15:52

Tgt Ion:142 Resp: 767
Ion Ratio Lower Upper
142 100
141 92.4 70.5 105.7
115 49.0 27.4 41.0#

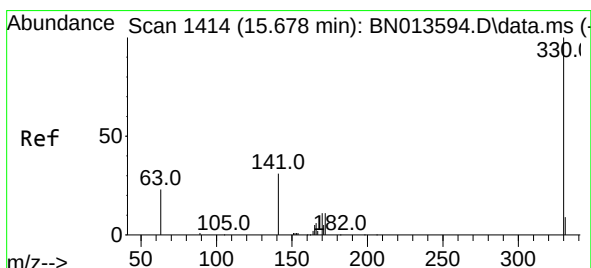
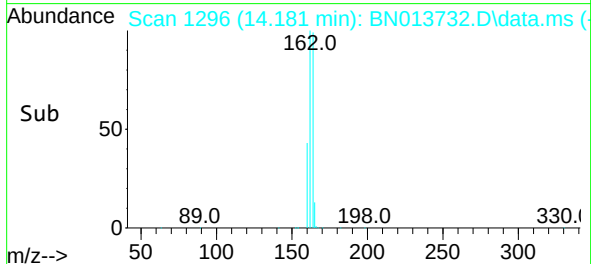
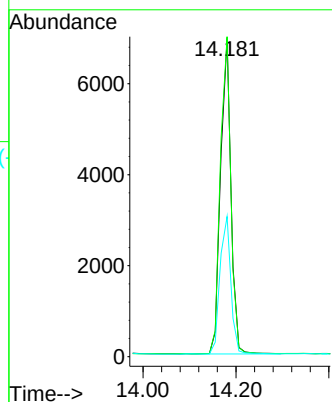
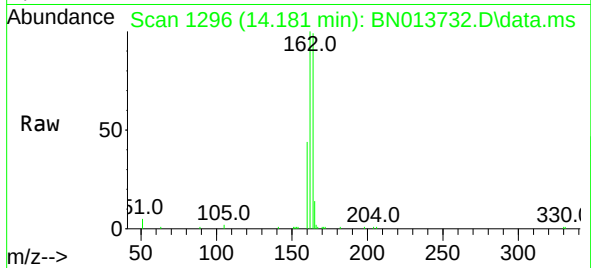




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.181 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BN013732.D
Acq: 22 Feb 2021 15:52

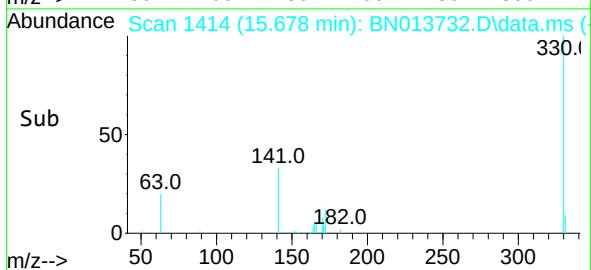
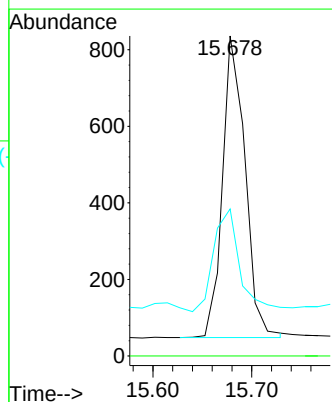
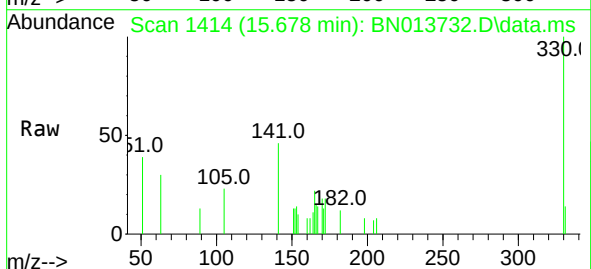
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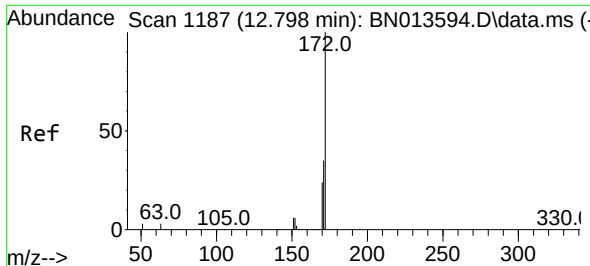
Tgt Ion:164 Resp: 10713
Ion Ratio Lower Upper
164 100
162 100.6 79.6 119.4
160 44.0 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.41 ng
RT: 15.678 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BN013732.D
Acq: 22 Feb 2021 15:52

Tgt Ion:330 Resp: 1250
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.4 26.8 40.2

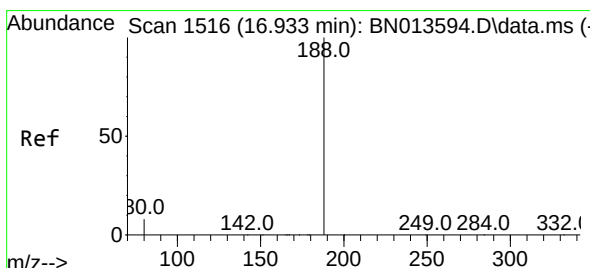
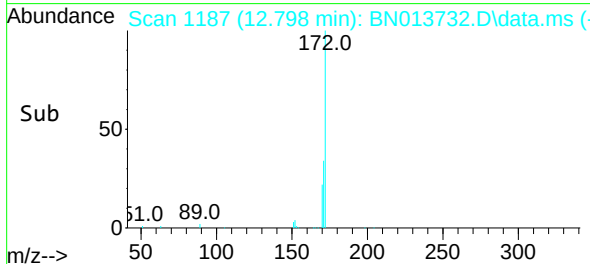
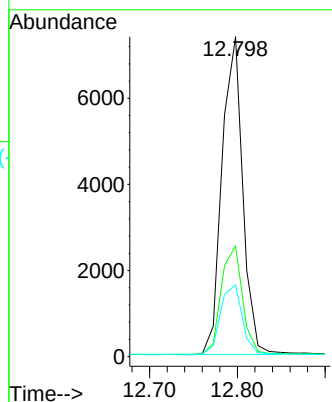
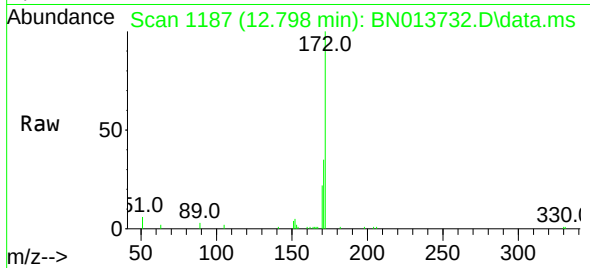




#15
2-Fluorobiphenyl
Concen: 0.30 ng
RT: 12.798 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BN013732.D
Acq: 22 Feb 2021 15:52

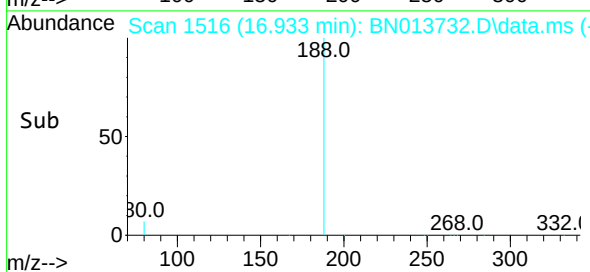
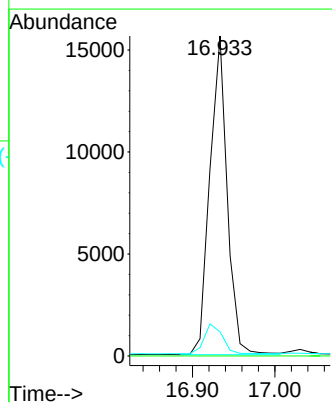
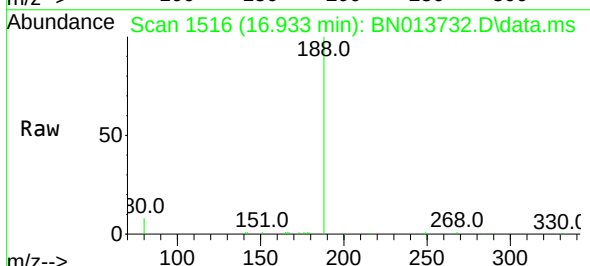
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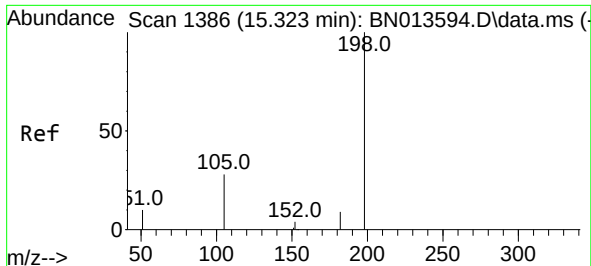
Tgt Ion:172	Resp:	12104
Ion Ratio	Lower	Upper
172	100	
171	34.5	28.6 42.8
170	22.4	18.9 28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.933 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BN013732.D
Acq: 22 Feb 2021 15:52

Tgt Ion:188	Resp:	22871
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	7.6	9.0 13.6#

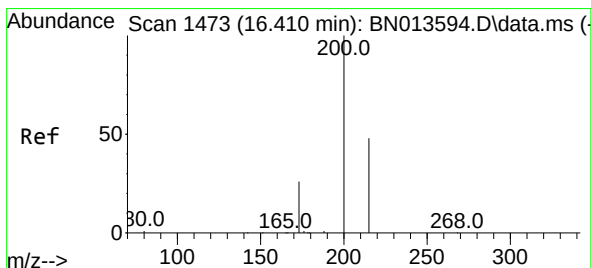
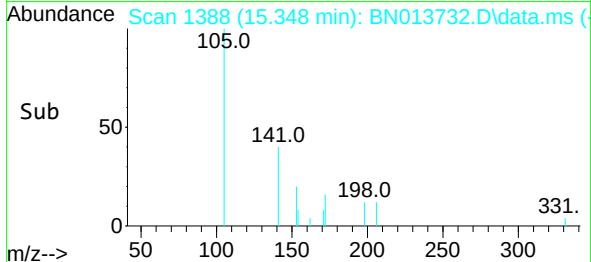
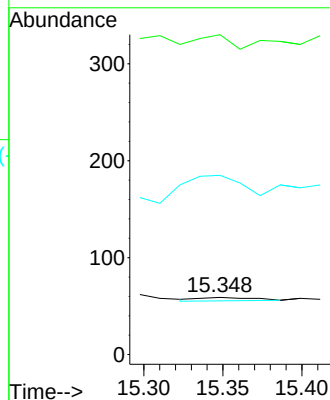
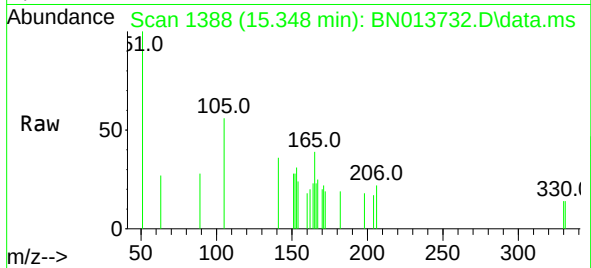




#20
4,6-Dinitro-2-methylphenol
Concen: 0.15 ng
RT: 15.348 min Scan# 1388
Delta R.T. 0.025 min
Lab File: BN013732.D
Acq: 22 Feb 2021 15:52

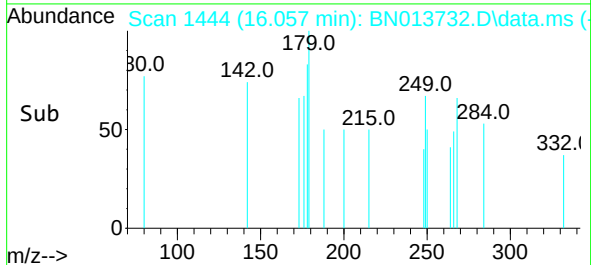
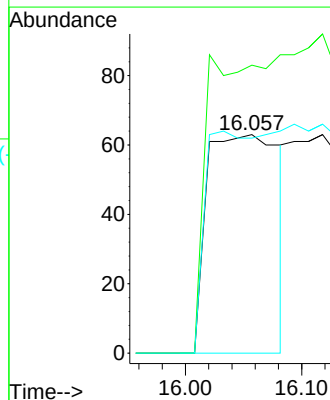
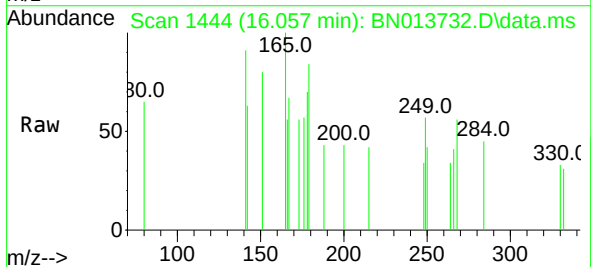
Instrument :
BNA_N
ClientSampleId :
GWBR1-102-117-021921

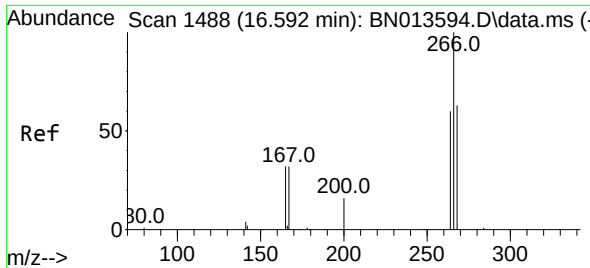
Tgt Ion:198 Resp: 9
Ion Ratio Lower Upper
198 100
51 559.3 61.7 92.5#
105 313.6 33.0 49.6#



#23
Atrazine
Concen: 0.04 ng
RT: 16.057 min Scan# 1444
Delta R.T. -0.353 min
Lab File: BN013732.D
Acq: 22 Feb 2021 15:52

Tgt Ion:200 Resp: 271
Ion Ratio Lower Upper
200 100
173 131.7 18.6 28.0#
215 98.4 41.0 61.6#

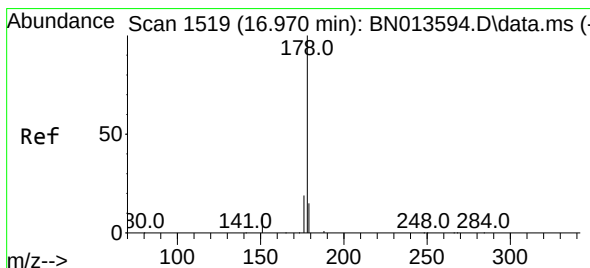
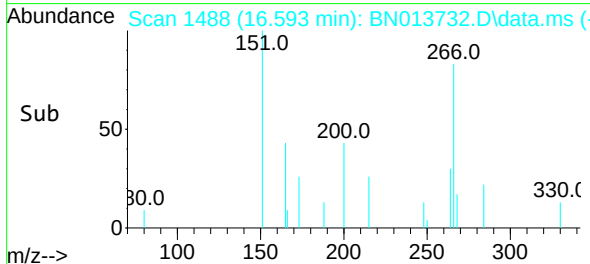
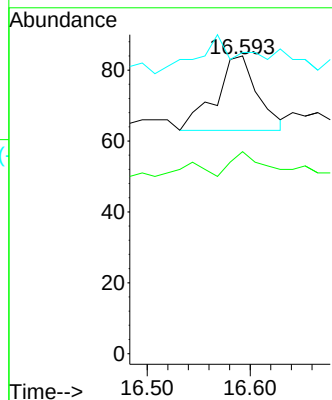
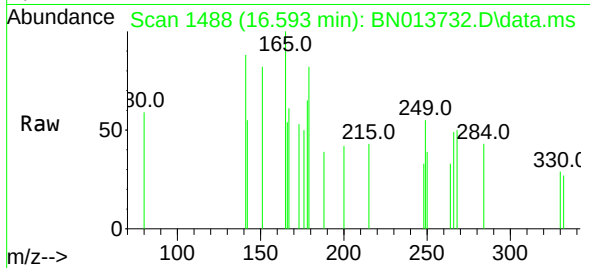




#24
Pentachlorophenol
Concen: 0.22 ng
RT: 16.593 min Scan# 1488
Delta R.T. 0.012 min
Lab File: BN013732.D
Acq: 22 Feb 2021 15:52

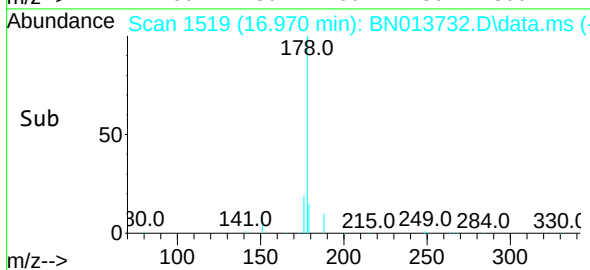
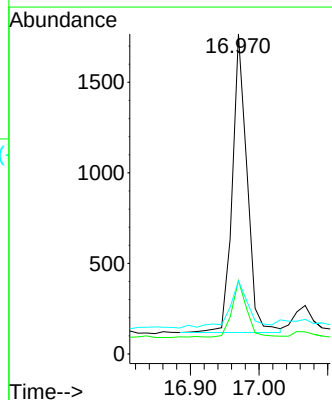
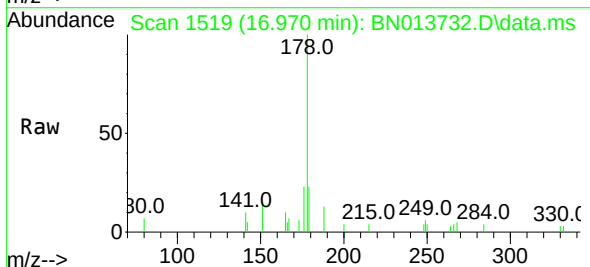
Instrument :
BNA_N
ClientSampleId :
GWBR1-102-117-021921

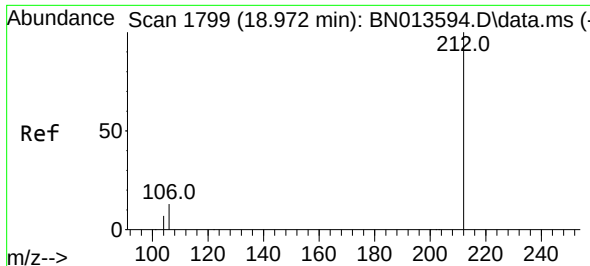
Tgt Ion:266 Resp: 59
Ion Ratio Lower Upper
266 100
264 33.9 51.6 77.4#
268 0.0 54.6 82.0#



#25
Phenanthrene
Concen: 0.04 ng
RT: 16.970 min Scan# 1519
Delta R.T. 0.000 min
Lab File: BN013732.D
Acq: 22 Feb 2021 15:52

Tgt Ion:178 Resp: 2461
Ion Ratio Lower Upper
178 100
176 19.8 15.0 22.4
179 20.3 12.3 18.5#

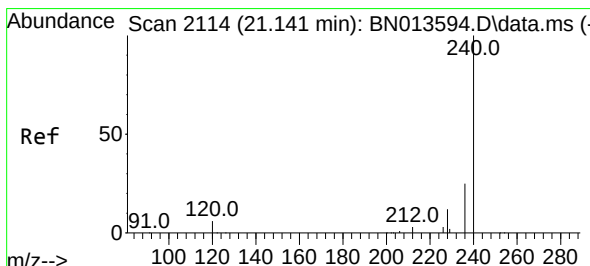
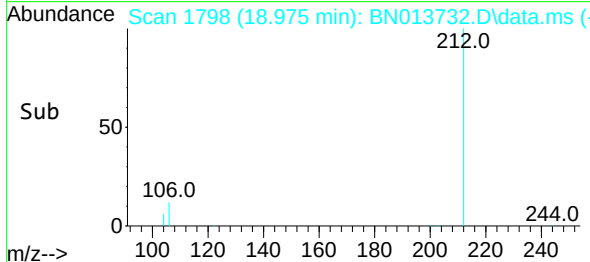
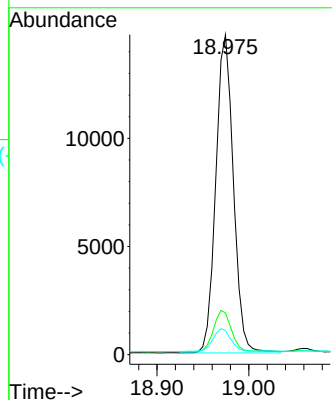
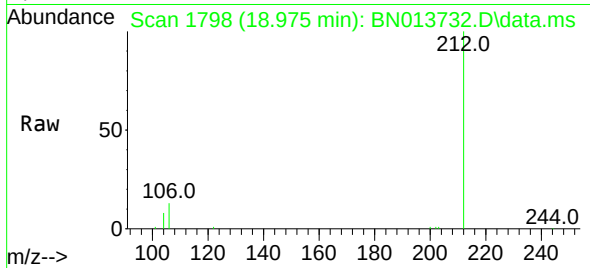




#27
Fluoranthene-d10
Concen: 0.32 ng
RT: 18.975 min Scan# 1798
Delta R.T. 0.002 min
Lab File: BN013732.D
Acq: 22 Feb 2021 15:52

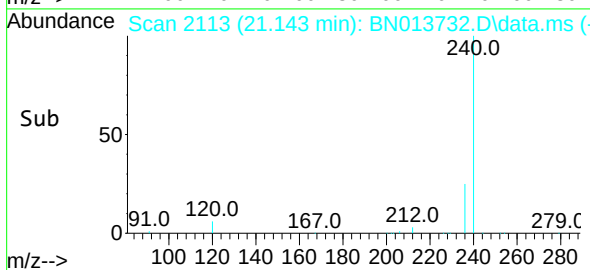
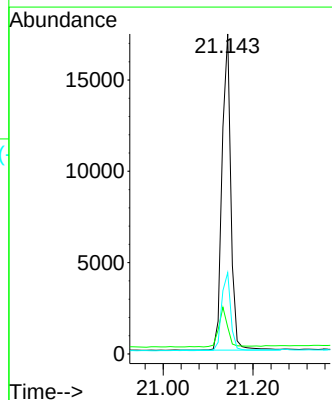
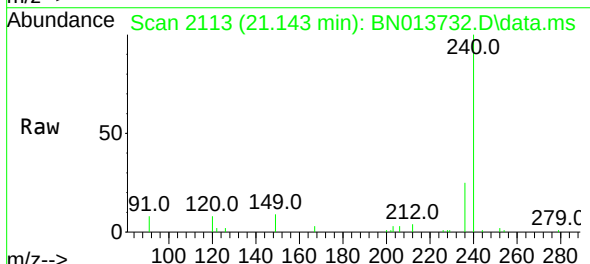
Instrument :
BNA_N
ClientSampleId :
GWBR1-102-117-021921

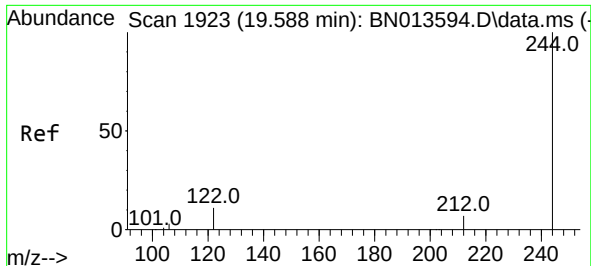
Tgt Ion:212 Resp: 19574
Ion Ratio Lower Upper
212 100
106 13.4 9.7 14.5
104 7.5 5.5 8.3



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.143 min Scan# 2113
Delta R.T. 0.013 min
Lab File: BN013732.D
Acq: 22 Feb 2021 15:52

Tgt Ion:240 Resp: 23719
Ion Ratio Lower Upper
240 100
120 8.4 10.2 15.4#
236 25.4 21.3 31.9

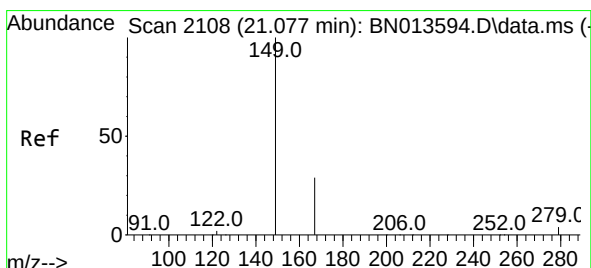
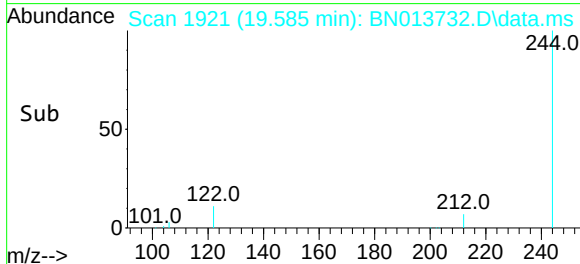
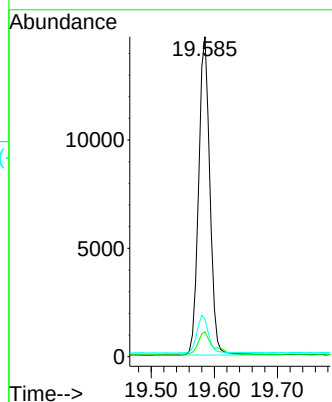
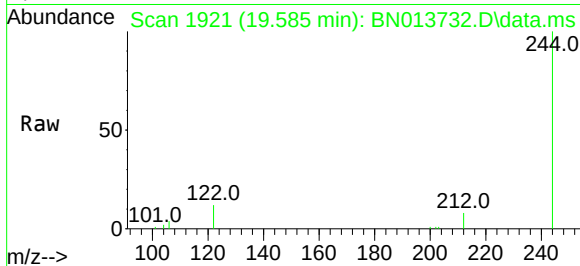




#31
 Terphenyl-d14
 Concen: 0.35 ng
 RT: 19.585 min Scan# 1921
 Delta R.T. 0.002 min
 Lab File: BN013732.D
 Acq: 22 Feb 2021 15:52

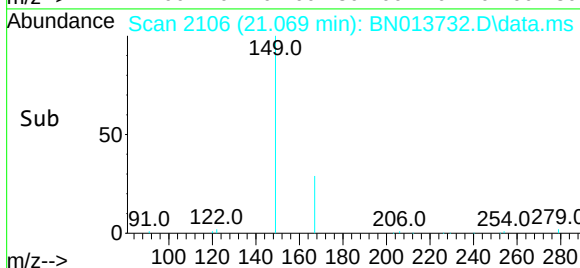
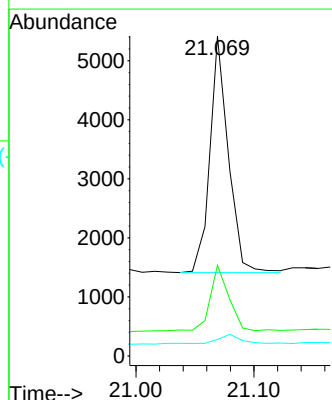
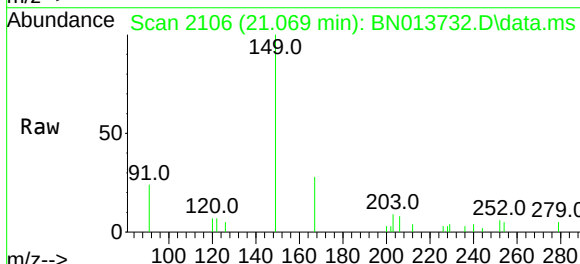
Instrument :
 BNA_N
 ClientSampleId :
 GWBR1-102-117-021921

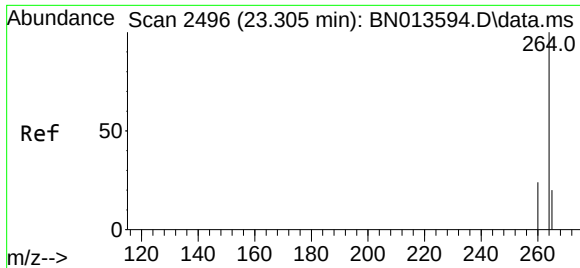
Tgt Ion:244	Resp:	18245
Ion Ratio	Lower	Upper
244	100	
212	7.8	6.1 9.1
122	11.8	9.8 14.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.23 ng
 RT: 21.069 min Scan# 2106
 Delta R.T. 0.002 min
 Lab File: BN013732.D
 Acq: 22 Feb 2021 15:52

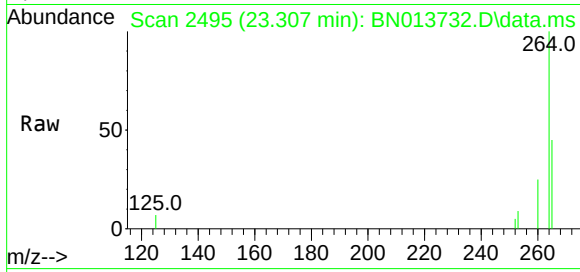
Tgt Ion:149	Resp:	4348
Ion Ratio	Lower	Upper
149	100	
167	29.1	22.1 33.1
279	6.4	3.5 5.3





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.307 min Scan# 2495
 Delta R.T. 0.006 min
 Lab File: BN013732.D
 Acq: 22 Feb 2021 15:52

Instrument :
 BNA_N
 ClientSampleId :
 GWBR1-102-117-021921



Tgt Ion:264 Resp: 23419

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.3	28.9
265	45.5	66.2	99.4#

