

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070621\
 Data File : BN015359.D
 Acq On : 07 Jul 2021 04:50
 Operator : CG/JU
 Sample : M2907-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-01-6.5-11.5-063021

Quant Time: Jul 07 06:09:34 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 01 09:06:31 2021
 Response via : Initial Calibration

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

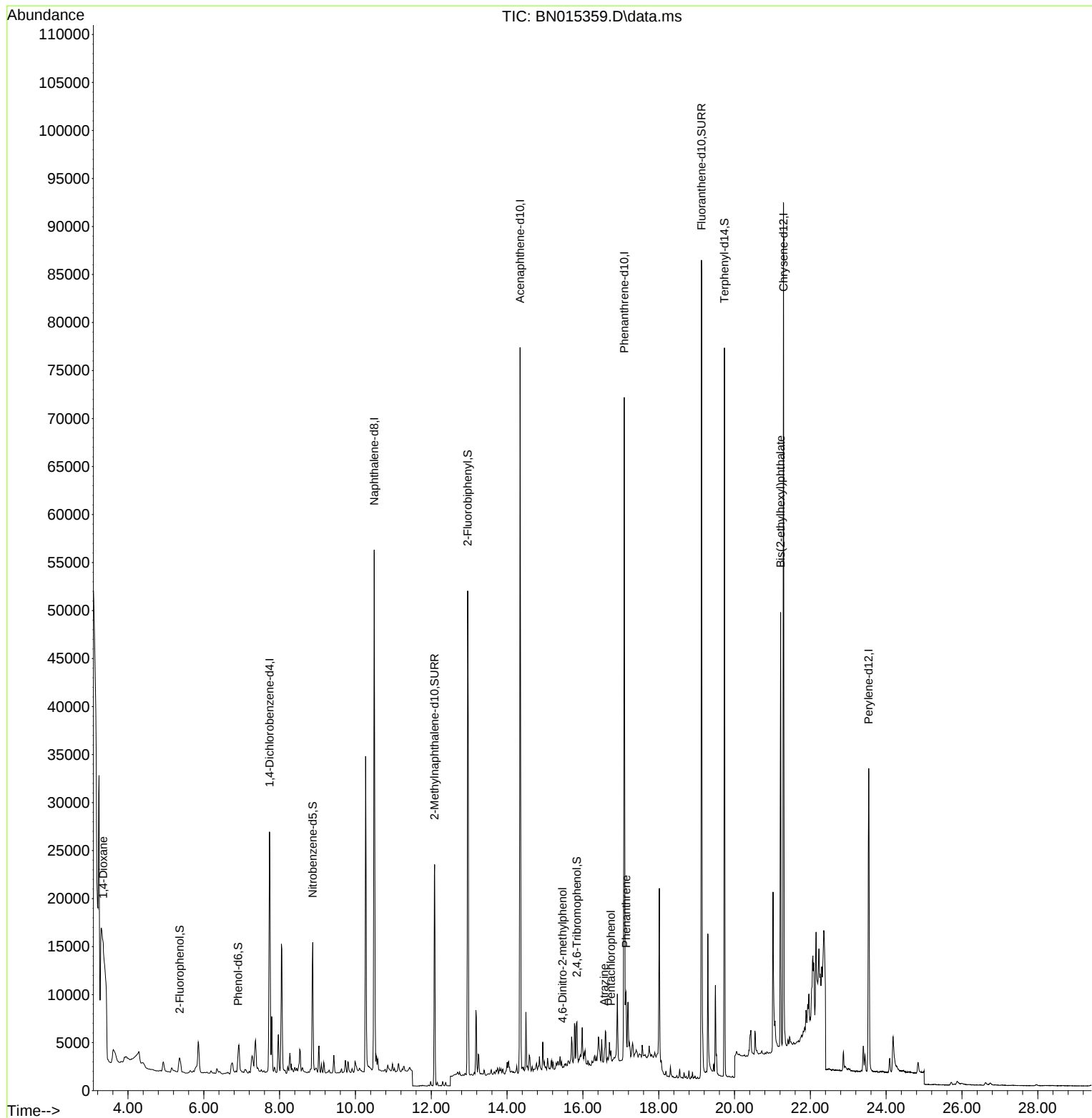
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.735	152	15174	0.40	ng	# 0.00
7) Naphthalene-d8	10.495	136	71029	0.40	ng	0.00
13) Acenaphthene-d10	14.345	164	41148	0.40	ng	0.00
19) Phenanthrene-d10	17.091	188	84582	0.40	ng	0.00
29) Chrysene-d12	21.291	240	77534	0.40	ng	#-0.01
35) Perylene-d12	23.539	264	42286	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.365	112	3058	0.08	ng	0.00
5) Phenol-d6	6.905	99	2480	0.05	ng	0.00
8) Nitrobenzene-d5	8.873	82	12067	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.087	152	31299	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.842	330	3362	0.41	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	45084	0.27	ng	0.00
27) Fluoranthene-d10	19.132	212	92787	0.37	ng	0.00
31) Terphenyl-d14	19.733	244	73121	0.40	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	376	0.05	ng	# 47
20) 4,6-Dinitro-2-methylph...	15.461	198	7	0.20	ng	# 1
23) Atrazine	16.567	200	111	0.18	ng	# 1
24) Pentachlorophenol	16.738	266	824	0.32	ng	# 39
25) Phenanthrene	17.139	178	8158	0.03	ng	96
34) Bis(2-ethylhexyl)phtha...	21.217	149	40105	0.56	ng	# 88

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

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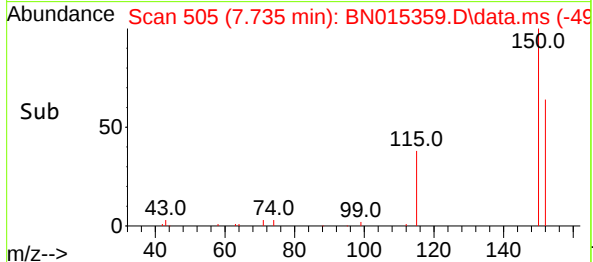
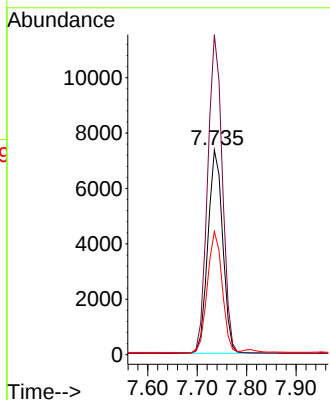
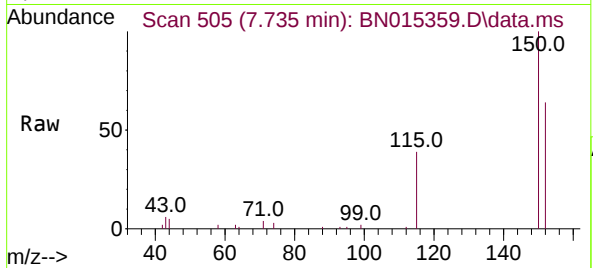




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.735 min Scan# 505
 Delta R.T. 0.003 min
 Lab File: BN015359.D
 Acq: 07 Jul 2021 04:50

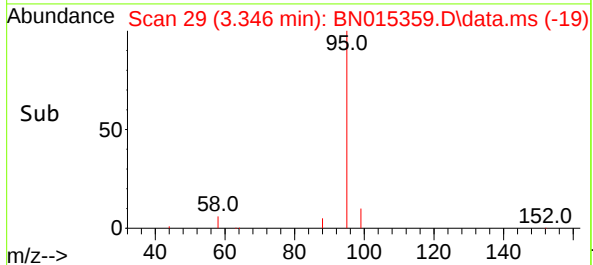
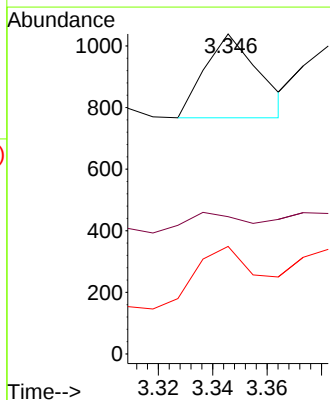
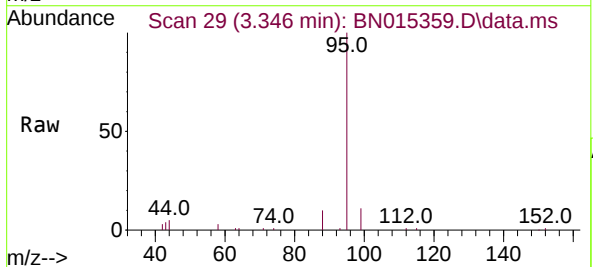
Instrument :
 BNA_N
 ClientSampleId :
 MW-01-6.5-11.5-063021

Tgt Ion: 152 Resp: 15174
 Ion Ratio Lower Upper
 152 100
 150 156.4 119.0 178.6
 115 60.2 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 0.05 ng
 RT: 3.346 min Scan# 29
 Delta R.T. -0.006 min
 Lab File: BN015359.D
 Acq: 07 Jul 2021 04:50

Tgt Ion: 88 Resp: 376
 Ion Ratio Lower Upper
 88 100
 43 25.8 12.9 19.3#
 58 90.4 38.1 57.1#

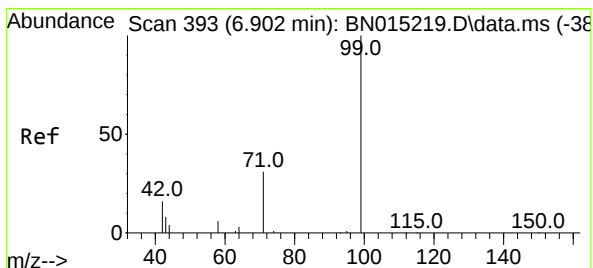
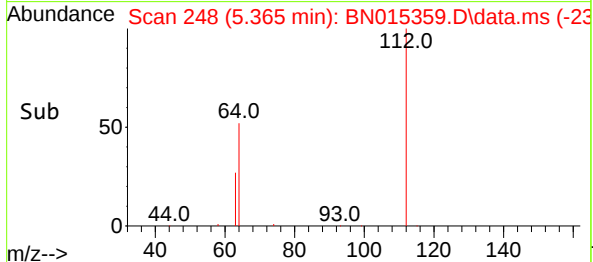
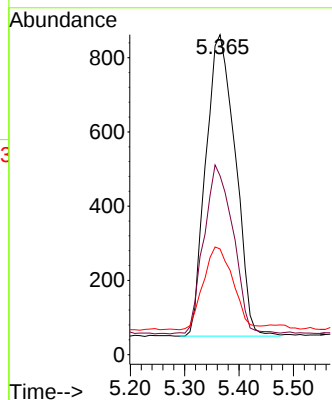
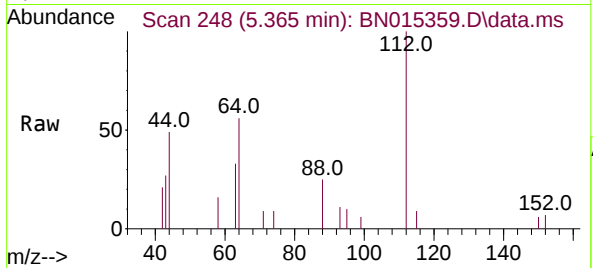




#4
2-Fluorophenol
Concen: 0.08 ng
RT: 5.365 min Scan# 248
Delta R.T. 0.003 min
Lab File: BN015359.D
Acq: 07 Jul 2021 04:50

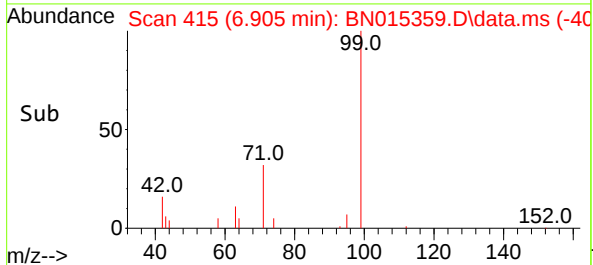
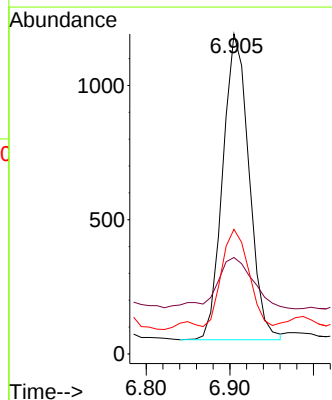
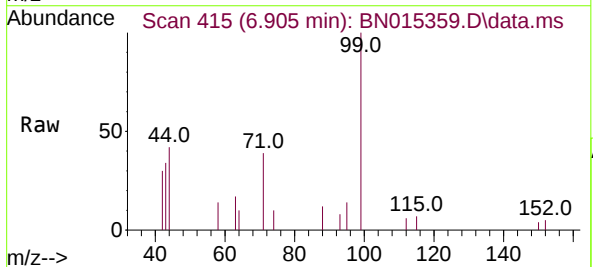
Instrument :
BNA_N
ClientSampleId :
MW-01-6.5-11.5-063021

Tgt Ion: 112 Resp: 3058
Ion Ratio Lower Upper
112 100
64 54.6 39.0 58.6
63 27.8 20.6 30.8



#5
Phenol-d6
Concen: 0.05 ng
RT: 6.905 min Scan# 415
Delta R.T. 0.003 min
Lab File: BN015359.D
Acq: 07 Jul 2021 04:50

Tgt Ion: 99 Resp: 2480
Ion Ratio Lower Upper
99 100
42 22.5 8.9 13.3#
71 33.1 35.6 53.4#

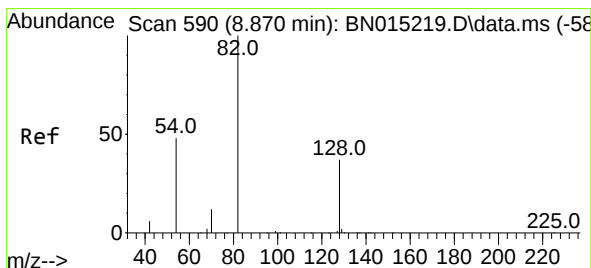
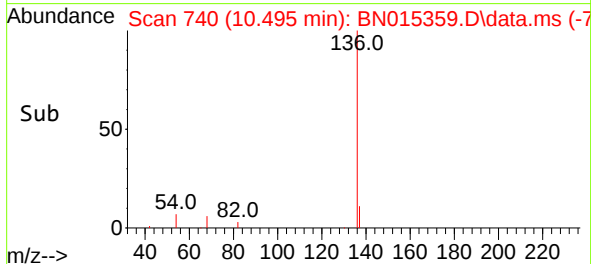
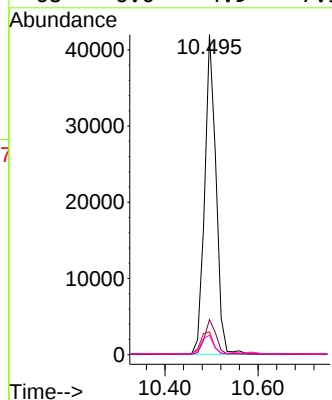
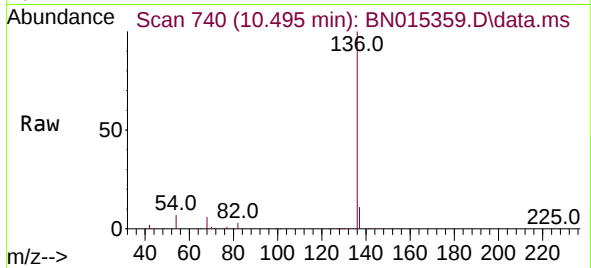




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.495 min Scan# 740
Delta R.T. 0.003 min
Lab File: BN015359.D
Acq: 07 Jul 2021 04:50

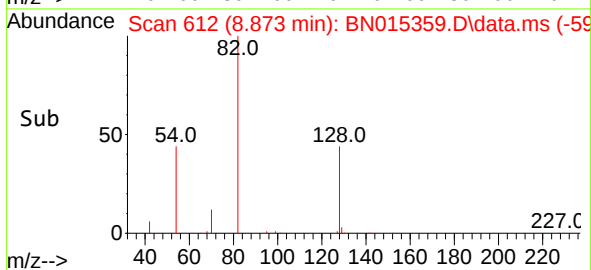
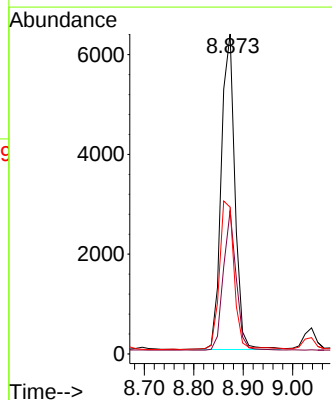
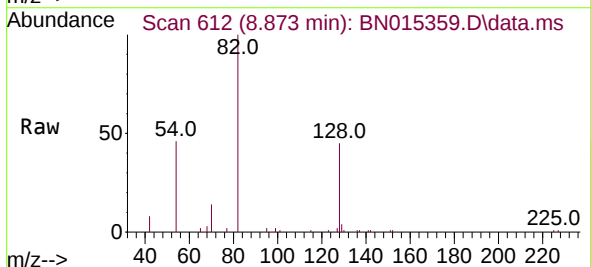
Instrument :
BNA_N
ClientSampleId :
MW-01-6.5-11.5-063021

Tgt Ion:	136	Resp:	71029
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.8
54	7.1	5.4	8.2
68	6.0	4.9	7.3



#8
Nitrobenzene-d5
Concen: 0.30 ng
RT: 8.873 min Scan# 612
Delta R.T. 0.003 min
Lab File: BN015359.D
Acq: 07 Jul 2021 04:50

Tgt Ion:	82	Resp:	12067
Ion	Ratio	Lower	Upper
82	100		
128	44.8	31.6	47.4
54	45.9	29.0	43.4

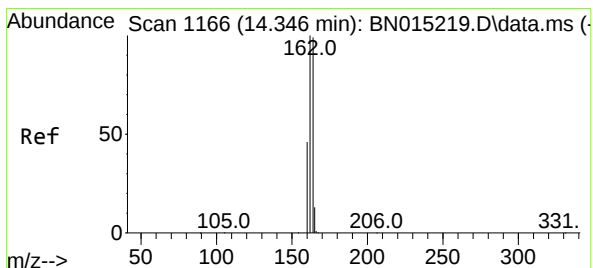
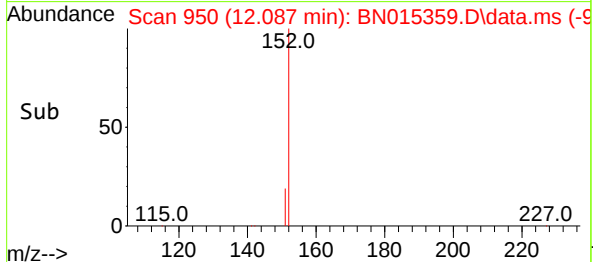
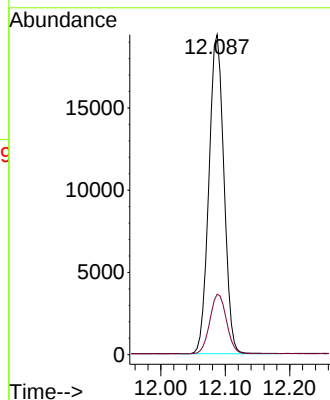
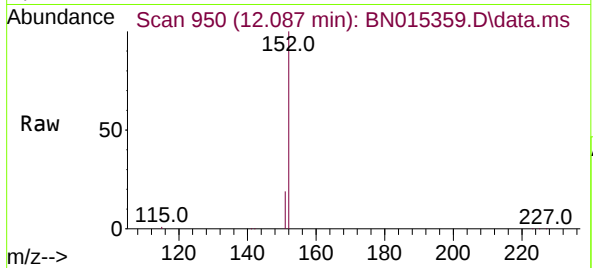




#11
2-Methylnaphthalene-d10
Concen: 0.27 ng
RT: 12.087 min Scan# 950
Delta R.T. -0.001 min
Lab File: BN015359.D
Acq: 07 Jul 2021 04:50

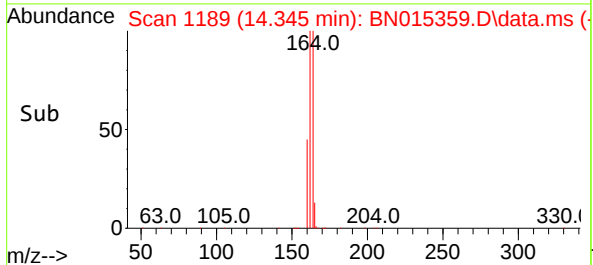
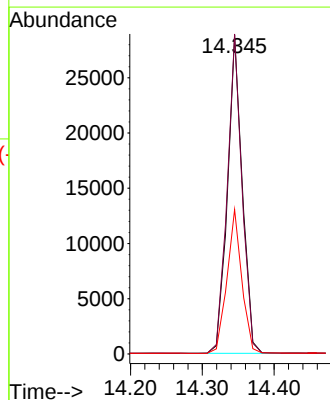
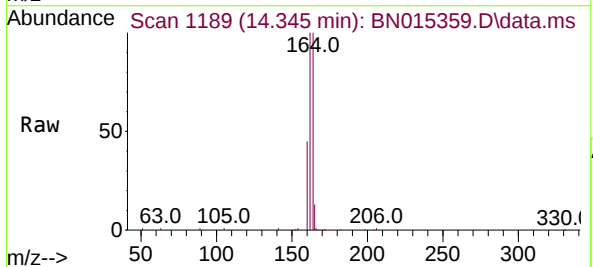
Instrument :
BNA_N
ClientSampleId :
MW-01-6.5-11.5-063021

Tgt Ion:152 Resp: 31299
Ion Ratio Lower Upper
152 100
151 20.6 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.345 min Scan# 1189
Delta R.T. -0.001 min
Lab File: BN015359.D
Acq: 07 Jul 2021 04:50

Tgt Ion:164 Resp: 41148
Ion Ratio Lower Upper
164 100
162 100.3 83.8 125.6
160 45.3 37.4 56.0

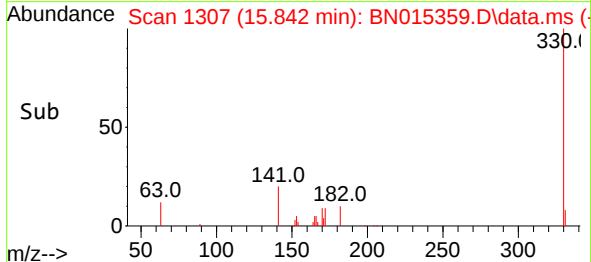
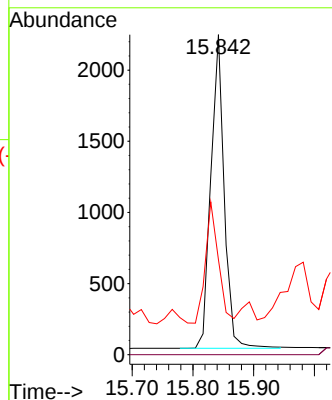
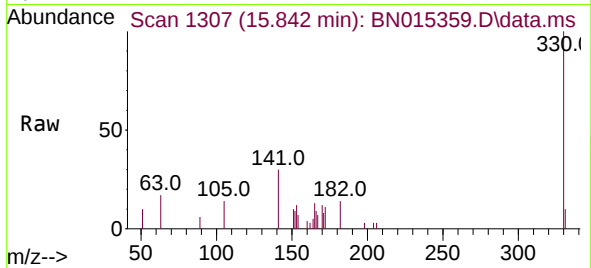




#14
2,4,6-Tribromophenol
Concen: 0.41 ng
RT: 15.842 min Scan# 1307
Delta R.T. -0.001 min
Lab File: BN015359.D
Acq: 07 Jul 2021 04:50

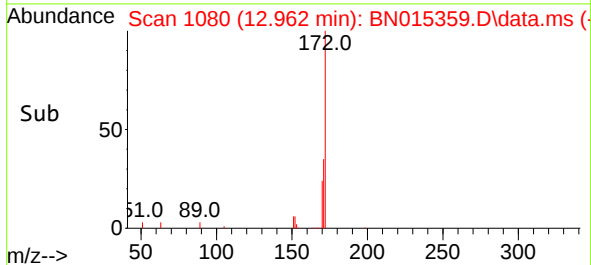
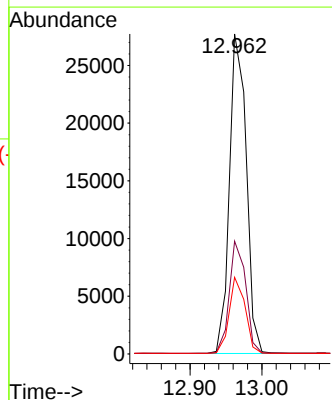
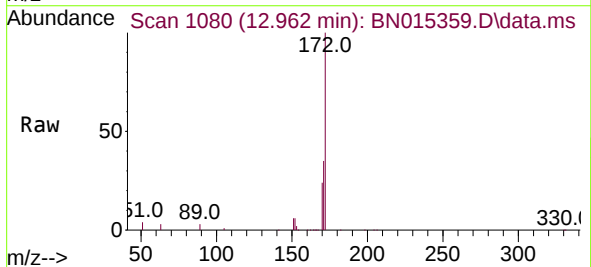
Instrument :
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ClientSampleId :
MW-01-6.5-11.5-063021

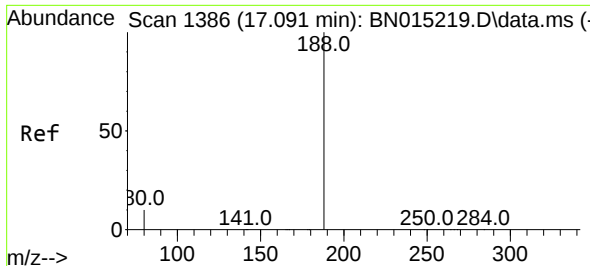
Tgt Ion: 330 Resp: 3362
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.6 22.4 33.6#



#15
2-Fluorobiphenyl
Concen: 0.27 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.001 min
Lab File: BN015359.D
Acq: 07 Jul 2021 04:50

Tgt Ion: 172 Resp: 45084
Ion Ratio Lower Upper
172 100
171 35.2 30.6 45.8
170 24.0 20.2 30.4

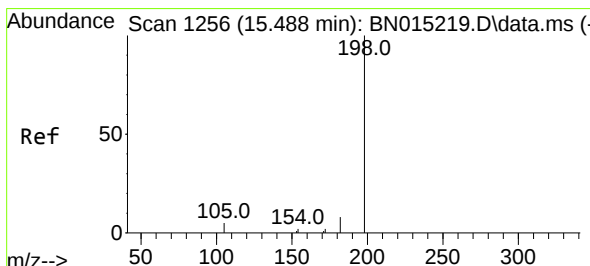
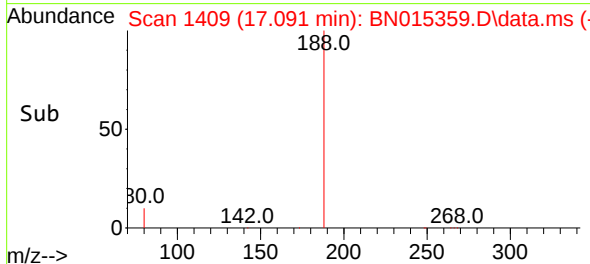
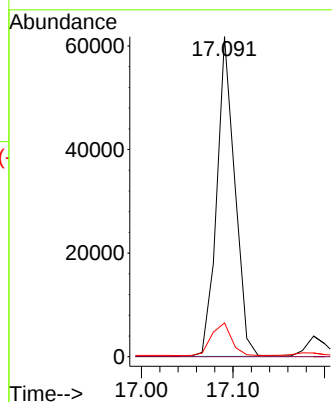
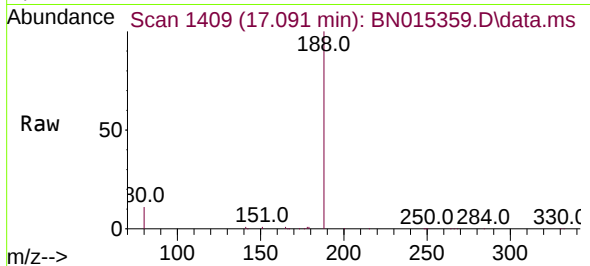




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.091 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BN015359.D
Acq: 07 Jul 2021 04:50

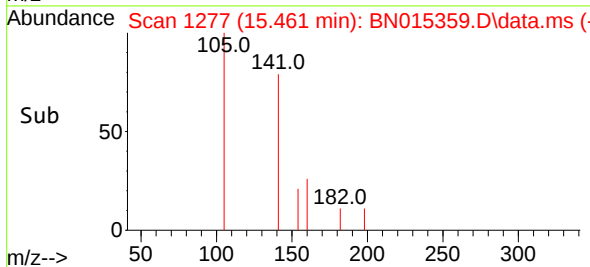
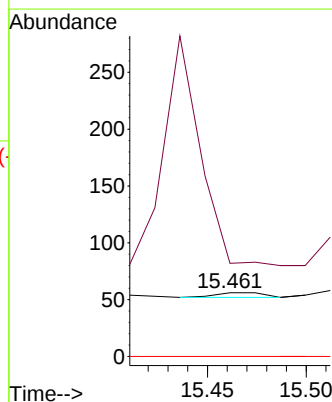
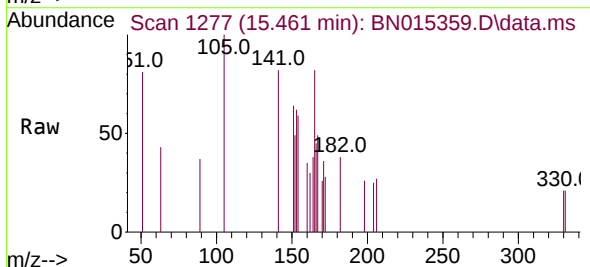
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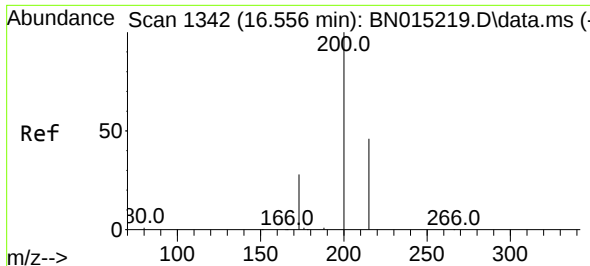
Tgt Ion:188 Resp: 84582
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.5 9.0 13.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.20 ng
RT: 15.461 min Scan# 1277
Delta R.T. -0.027 min
Lab File: BN015359.D
Acq: 07 Jul 2021 04:50

Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
182 146.4 34.5 51.7#
77 0.0 0.0 0.0

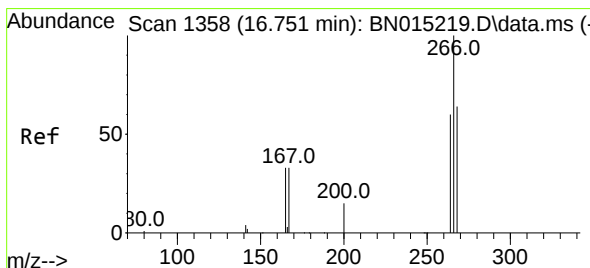
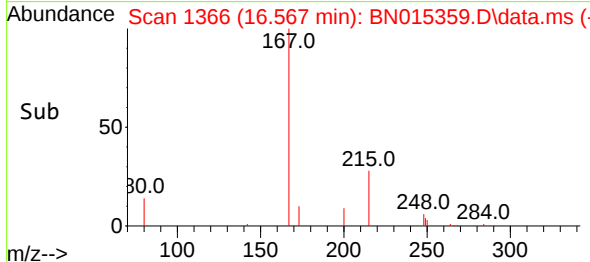
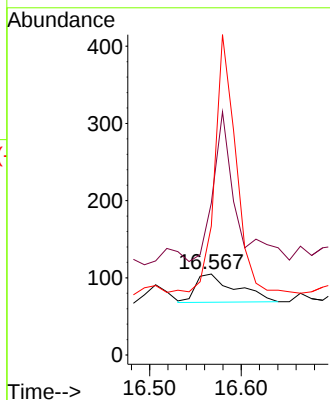
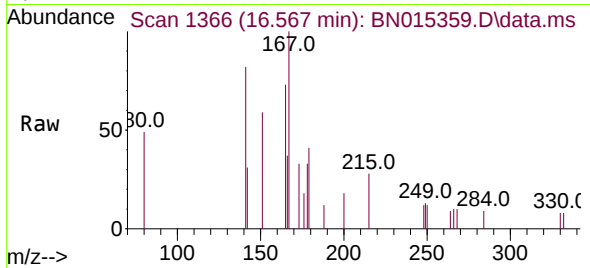




#23
Atrazine
Concen: 0.18 ng
RT: 16.567 min Scan# 1366
Delta R.T. 0.011 min
Lab File: BN015359.D
Acq: 07 Jul 2021 04:50

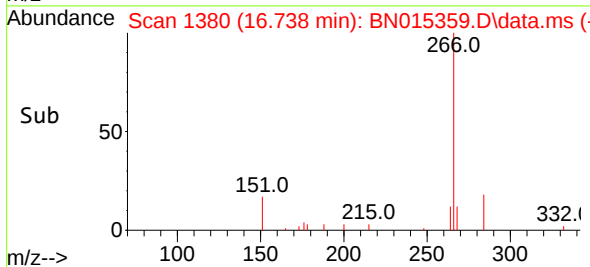
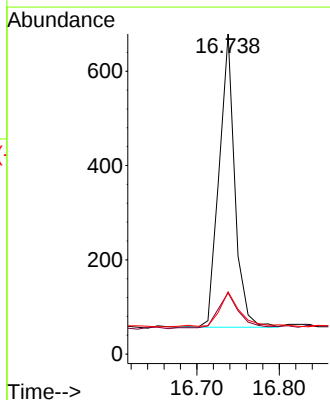
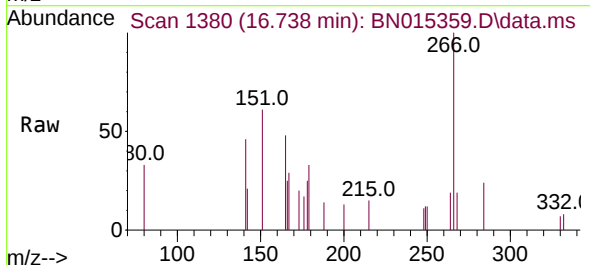
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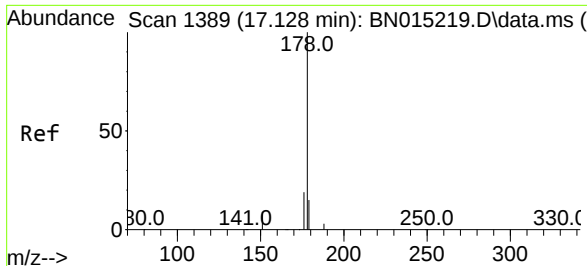
Tgt Ion:200 Resp: 111
Ion Ratio Lower Upper
200 100
173 187.6 21.7 32.5#
215 159.0 43.1 64.7#



#24
Pentachlorophenol
Concen: 0.32 ng
RT: 16.738 min Scan# 1380
Delta R.T. -0.013 min
Lab File: BN015359.D
Acq: 07 Jul 2021 04:50

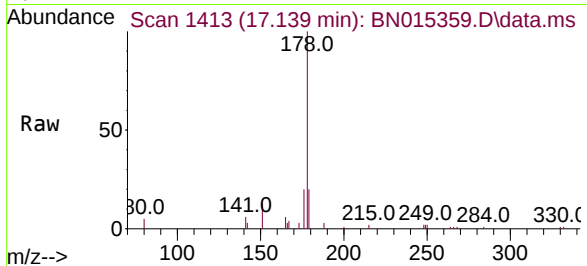
Tgt Ion:266 Resp: 824
Ion Ratio Lower Upper
266 100
264 15.5 51.0 76.4#
268 15.9 50.6 76.0#



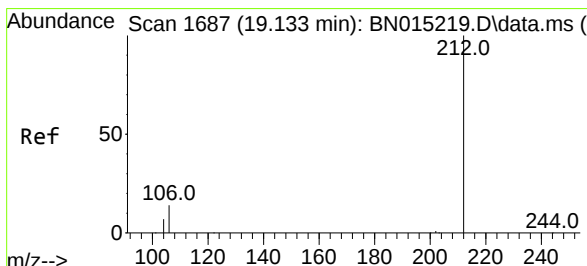
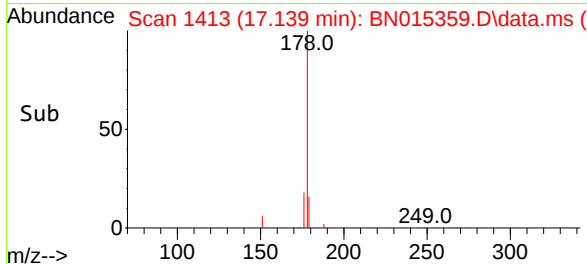
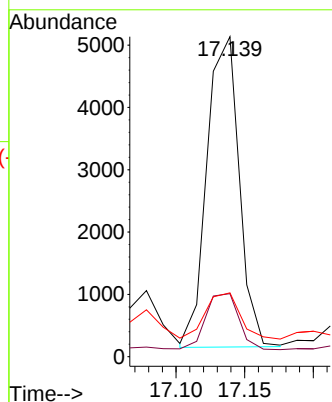


#25
Phenanthrene
Concen: 0.03 ng
RT: 17.139 min Scan# 1413
Delta R.T. 0.011 min
Lab File: BN015359.D
Acq: 07 Jul 2021 04:50

Instrument :
BNA_N
ClientSampleId :
MW-01-6.5-11.5-063021

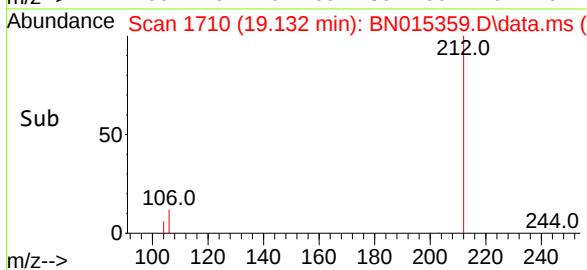
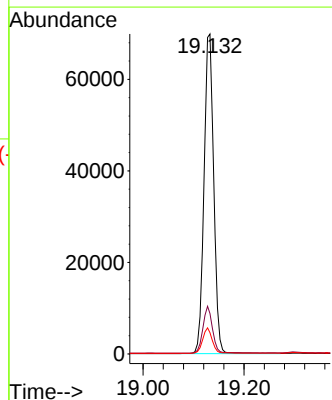
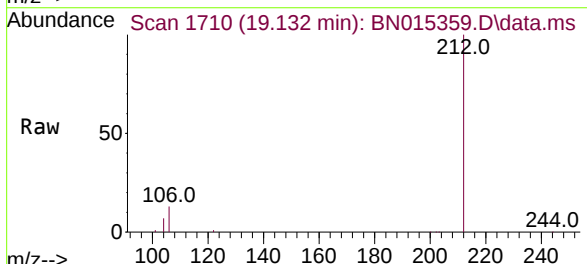


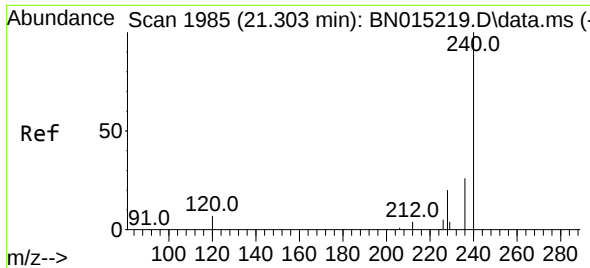
Tgt Ion:178 Resp: 8158
Ion Ratio Lower Upper
178 100
176 20.9 15.6 23.4
179 17.5 12.1 18.1



#27
Fluoranthene-d10
Concen: 0.37 ng
RT: 19.132 min Scan# 1710
Delta R.T. -0.001 min
Lab File: BN015359.D
Acq: 07 Jul 2021 04:50

Tgt Ion:212 Resp: 92787
Ion Ratio Lower Upper
212 100
106 14.5 7.0 10.6#
104 8.1 4.1 6.1#

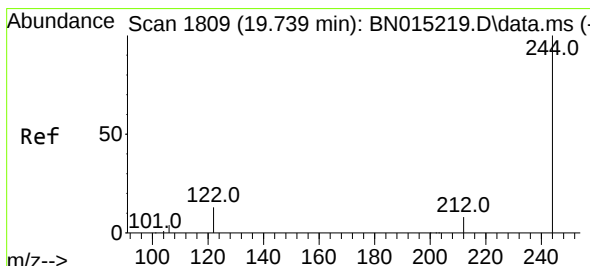
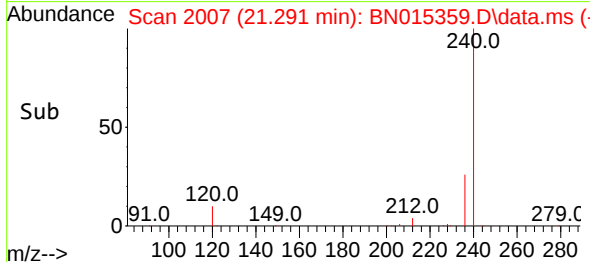
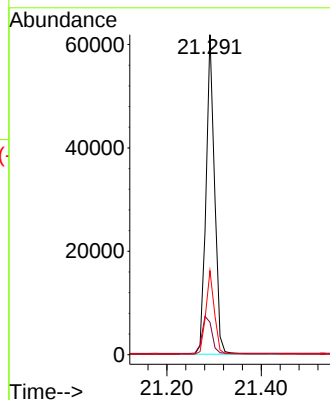
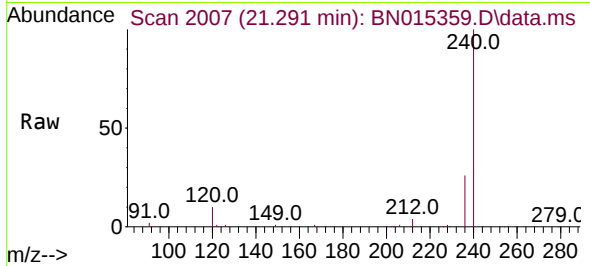




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.291 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BN015359.D
Acq: 07 Jul 2021 04:50

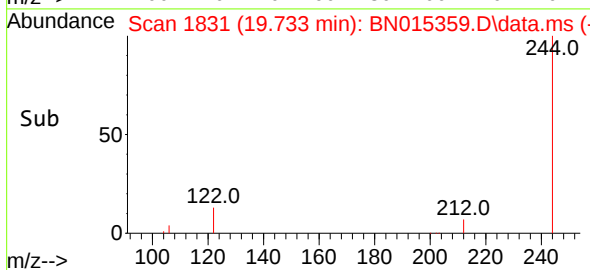
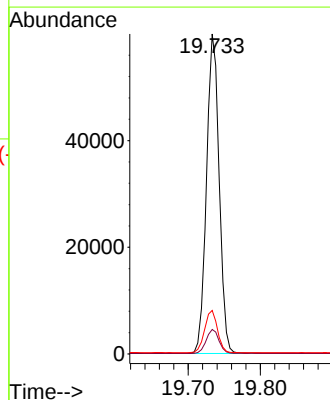
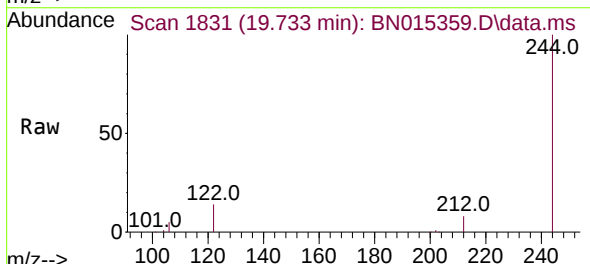
Instrument :
BNA_N
ClientSampleId :
MW-01-6.5-11.5-063021

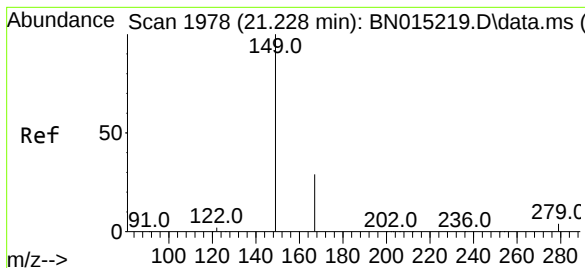
Tgt Ion:240 Resp: 77534
Ion Ratio Lower Upper
240 100
120 10.2 4.2 6.4#
236 26.2 21.4 32.2



#31
Terphenyl-d14
Concen: 0.40 ng
RT: 19.733 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BN015359.D
Acq: 07 Jul 2021 04:50

Tgt Ion:244 Resp: 73121
Ion Ratio Lower Upper
244 100
212 7.6 6.3 9.5
122 13.6 6.2 9.2#

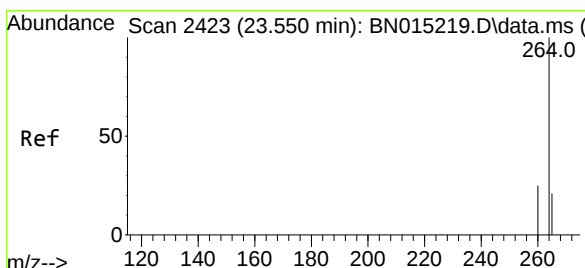
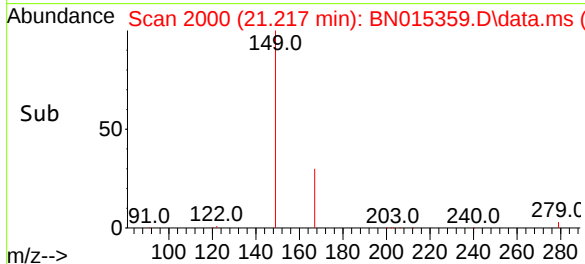
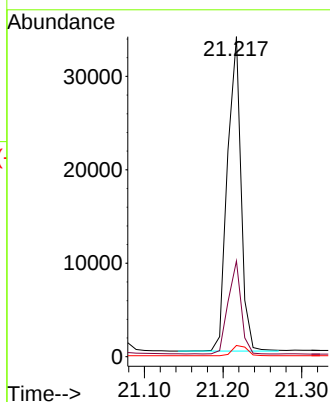
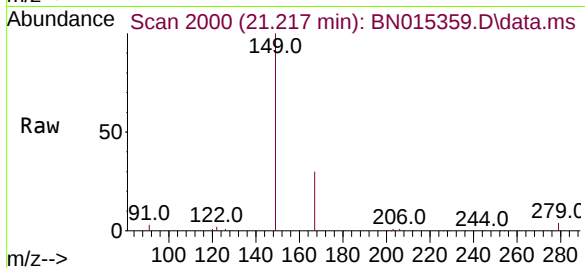




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.56 ng
RT: 21.217 min Scan# 2000
Delta R.T. -0.011 min
Lab File: BN015359.D
Acq: 07 Jul 2021 04:50

Instrument :
BNA_N
ClientSampleId :
MW-01-6.5-11.5-063021

Tgt Ion:149 Resp: 40105
Ion Ratio Lower Upper
149 100
167 28.2 28.9 43.3#
279 3.6 4.9 7.3#



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.539 min Scan# 2443
Delta R.T. -0.011 min
Lab File: BN015359.D
Acq: 07 Jul 2021 04:50

Tgt Ion:264 Resp: 42286
Ion Ratio Lower Upper
264 100
260 24.9 20.6 31.0
265 24.4 21.4 32.2

