

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070621\
 Data File : BN015358.D
 Acq On : 07 Jul 2021 04:15
 Operator : CG/JU
 Sample : M2907-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-01-1.5-6.5-063021

Quant Time: Jul 07 06:09:27 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)

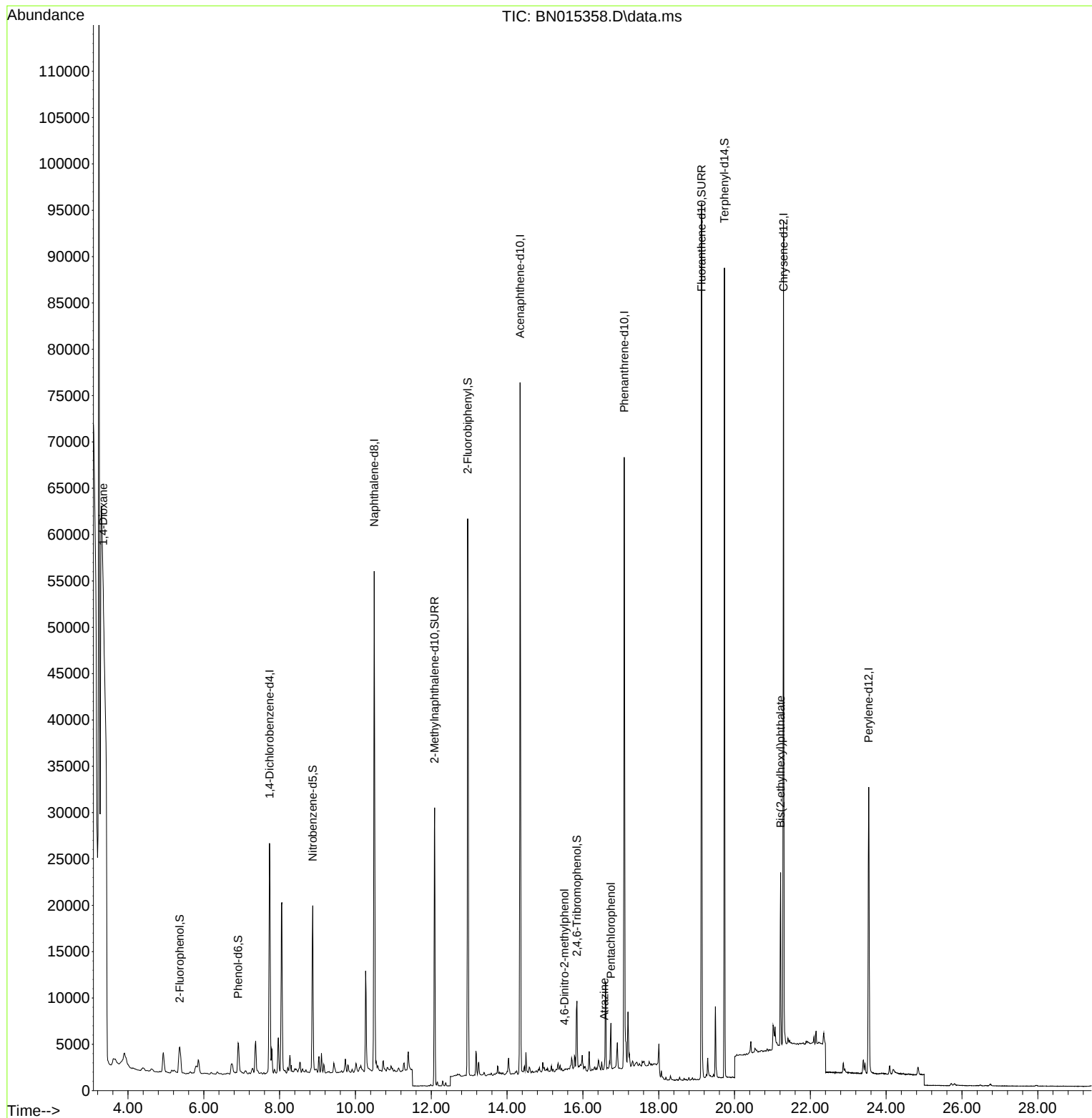
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	15210	0.40	ng	# 0.00
7) Naphthalene-d8	10.495	136	71589	0.40	ng	0.00
13) Acenaphthene-d10	14.345	164	41014	0.40	ng	0.00
19) Phenanthrene-d10	17.090	188	85387	0.40	ng	0.00
29) Chrysene-d12	21.291	240	76709	0.40	ng	#-0.01
35) Perylene-d12	23.539	264	40909	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.365	112	5544	0.14	ng	0.00
5) Phenol-d6	6.904	99	3984	0.08	ng	0.00
8) Nitrobenzene-d5	8.873	82	15984	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.087	152	38844	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.842	330	5941	0.56	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	54485	0.33	ng	0.00
27) Fluoranthene-d10	19.132	212	104372	0.41	ng	0.00
31) Terphenyl-d14	19.733	244	82370	0.46	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.345	88	388	0.05	ng	# 54
20) 4,6-Dinitro-2-methylph...	15.512	198	6	0.19	ng	# 1
23) Atrazine	16.567	200	76	0.17	ng	# 1
24) Pentachlorophenol	16.737	266	3669	0.59	ng	# 35
34) Bis(2-ethylhexyl)phtha...	21.217	149	17492	0.34	ng	# 87

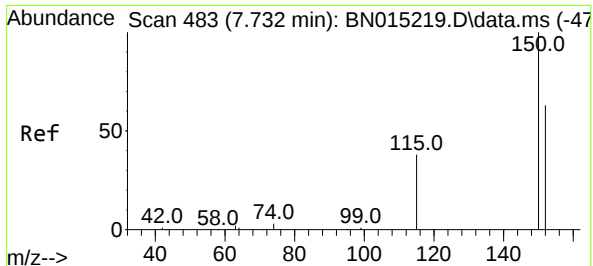
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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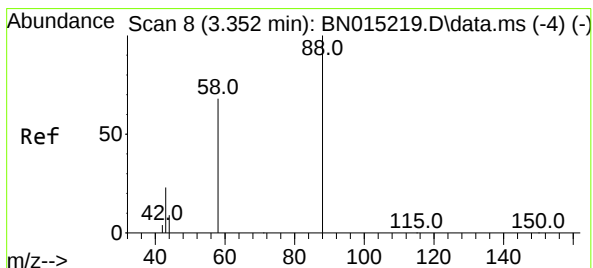
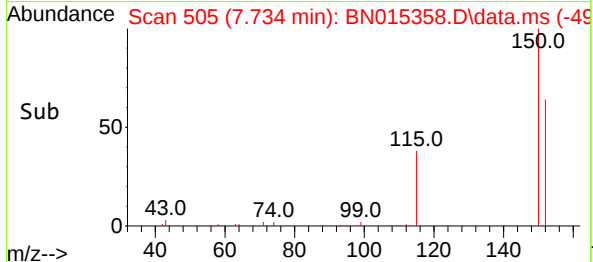
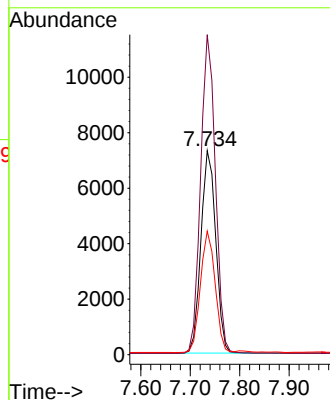
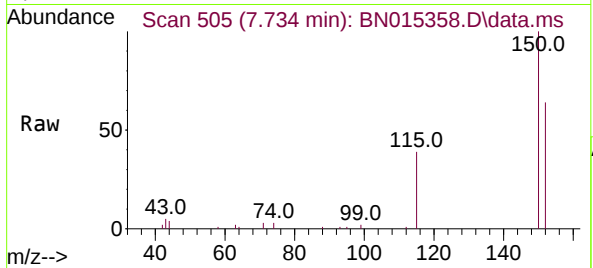




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.734 min Scan# 505
 Delta R.T. 0.002 min
 Lab File: BN015358.D
 Acq: 07 Jul 2021 04:15

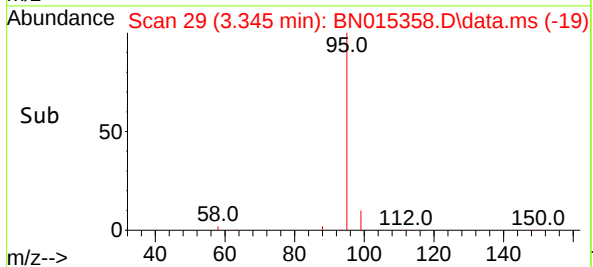
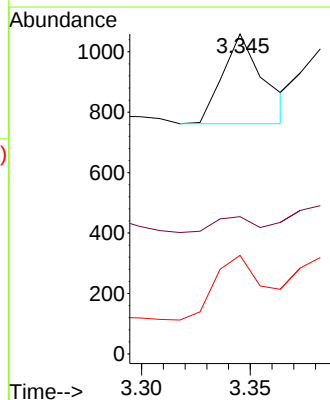
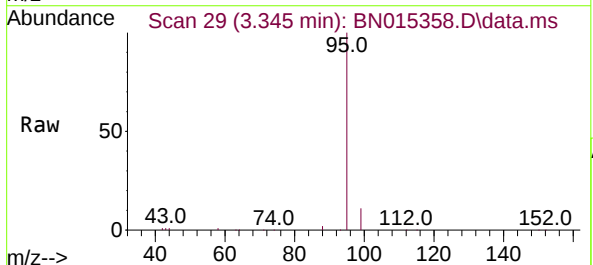
Instrument :
 BNA_N
 ClientSampleId :
 MW-01-1.5-6.5-063021

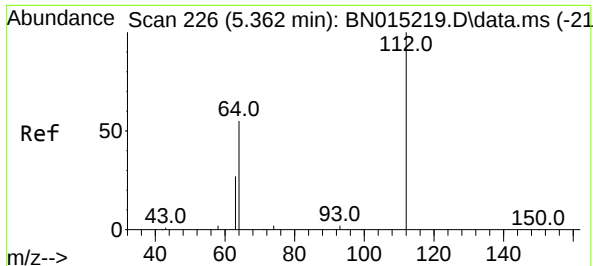
Tgt Ion:152 Resp: 15210
 Ion Ratio Lower Upper
 152 100
 150 156.8 119.0 178.6
 115 60.5 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 0.05 ng
 RT: 3.345 min Scan# 29
 Delta R.T. -0.007 min
 Lab File: BN015358.D
 Acq: 07 Jul 2021 04:15

Tgt Ion: 88 Resp: 388
 Ion Ratio Lower Upper
 88 100
 43 16.8 12.9 19.3
 58 88.9 38.1 57.1#

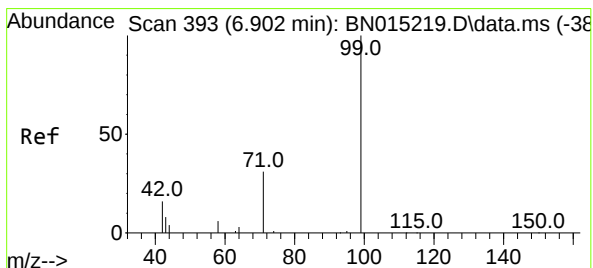
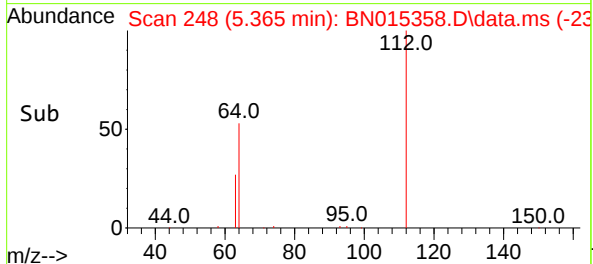
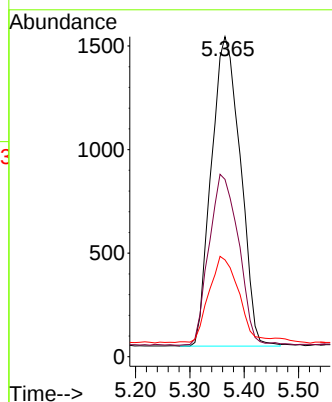
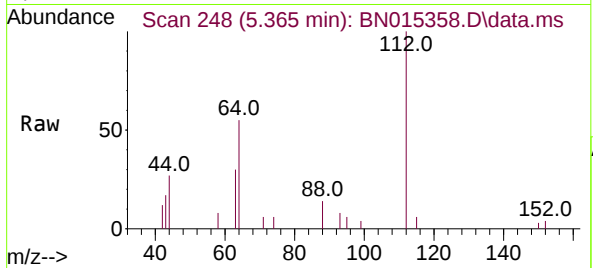




#4
2-Fluorophenol
Concen: 0.14 ng
RT: 5.365 min Scan# 248
Delta R.T. 0.003 min
Lab File: BN015358.D
Acq: 07 Jul 2021 04:15

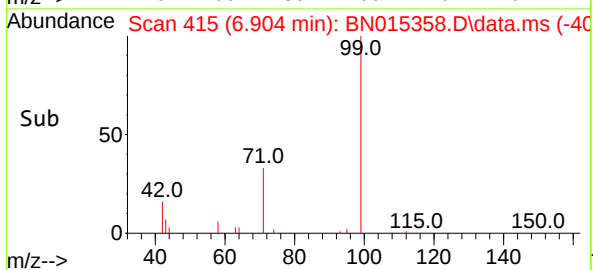
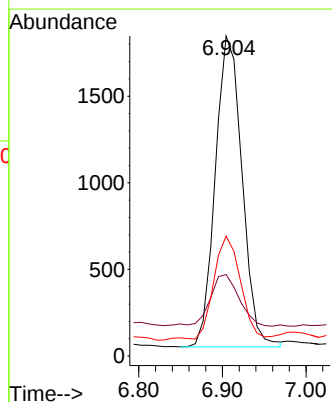
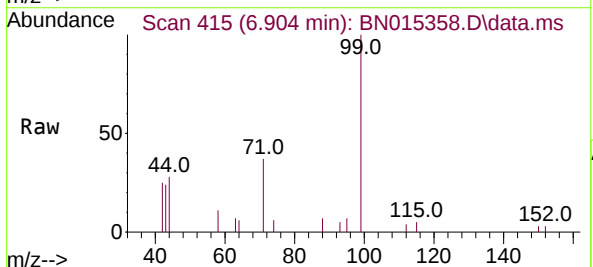
Instrument :
BNA_N
ClientSampleId :
MW-01-1.5-6.5-063021

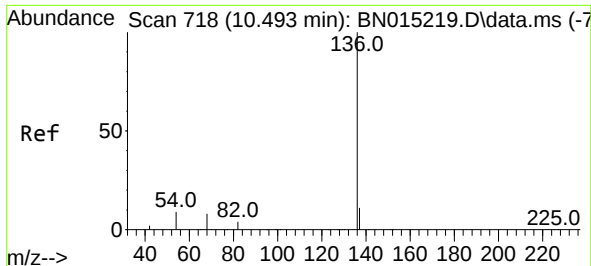
Tgt Ion: 112 Resp: 5544
Ion Ratio Lower Upper
112 100
64 56.2 39.0 58.6
63 27.9 20.6 30.8



#5
Phenol-d6
Concen: 0.08 ng
RT: 6.904 min Scan# 415
Delta R.T. 0.003 min
Lab File: BN015358.D
Acq: 07 Jul 2021 04:15

Tgt Ion: 99 Resp: 3984
Ion Ratio Lower Upper
99 100
42 18.0 8.9 13.3#
71 34.0 35.6 53.4#

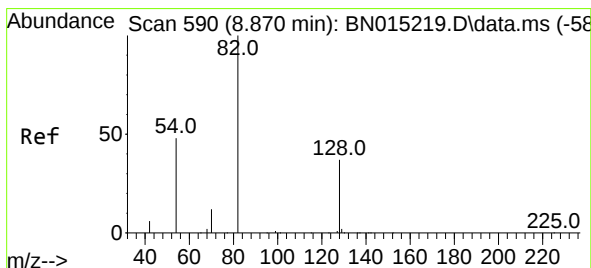
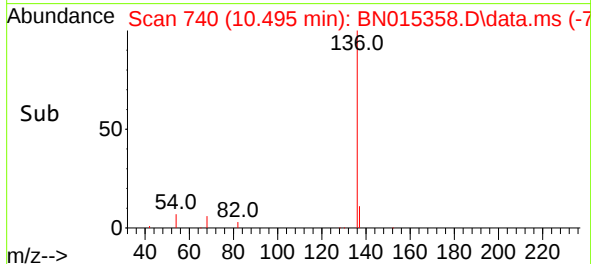
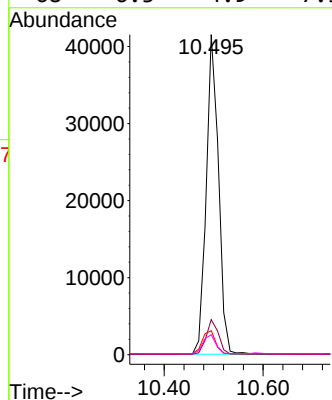
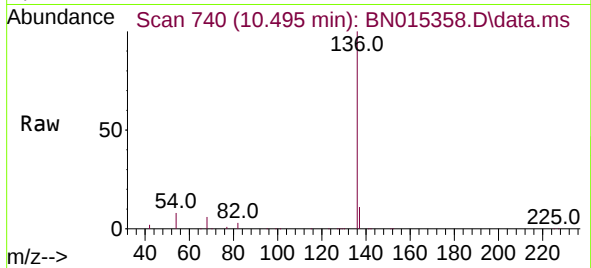




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.495 min Scan# 740
Delta R.T. 0.003 min
Lab File: BN015358.D
Acq: 07 Jul 2021 04:15

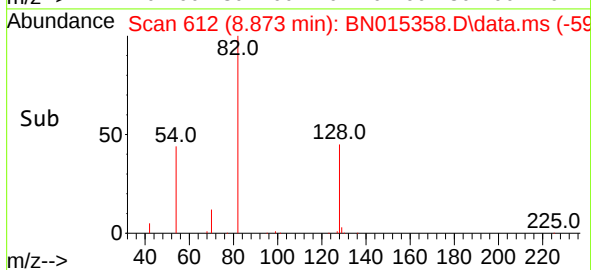
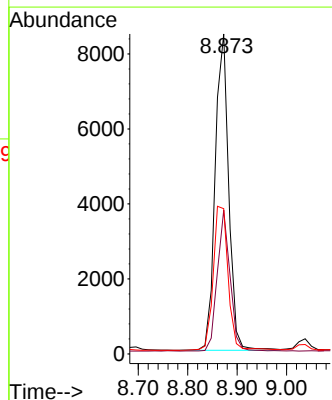
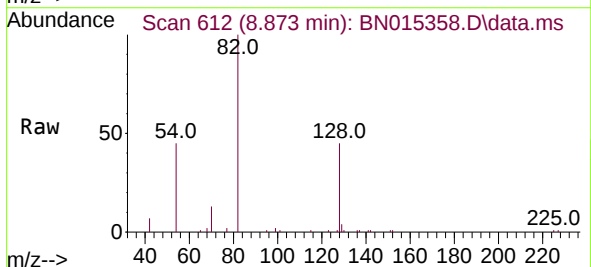
Instrument :
BNA_N
ClientSampleId :
MW-01-1.5-6.5-063021

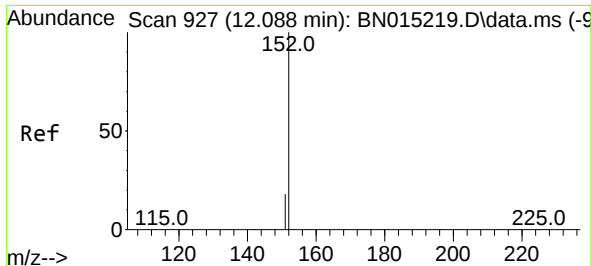
Tgt Ion:	136	Resp:	71589
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.8	14.8
54	7.5	5.4	8.2
68	6.3	4.9	7.3



#8
Nitrobenzene-d5
Concen: 0.40 ng
RT: 8.873 min Scan# 612
Delta R.T. 0.003 min
Lab File: BN015358.D
Acq: 07 Jul 2021 04:15

Tgt Ion:	82	Resp:	15984
Ion Ratio	Lower	Upper	
82	100		
128	44.9	31.6	47.4
54	45.4	29.0	43.4

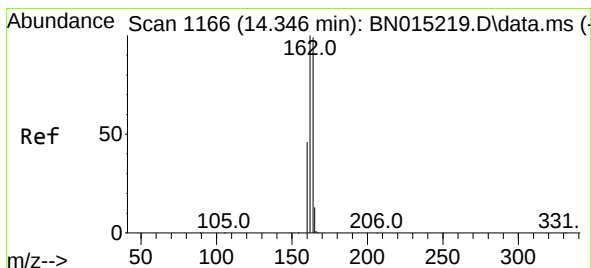
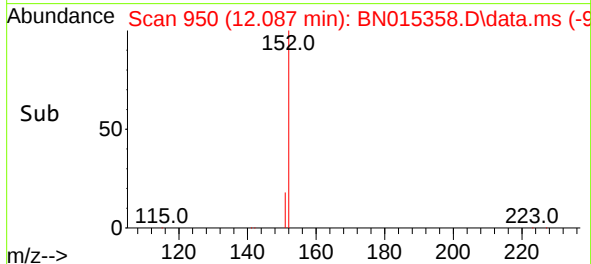
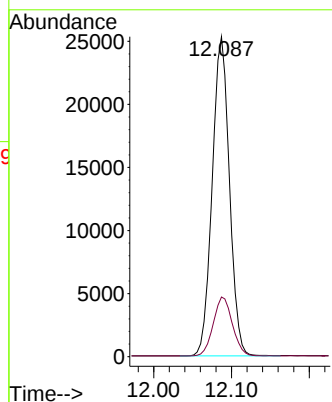
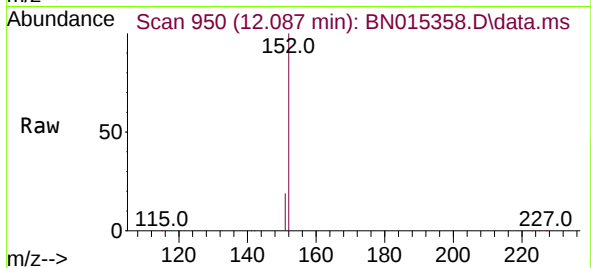




#11
2-Methylnaphthalene-d10
Concen: 0.33 ng
RT: 12.087 min Scan# 950
Delta R.T. -0.001 min
Lab File: BN015358.D
Acq: 07 Jul 2021 04:15

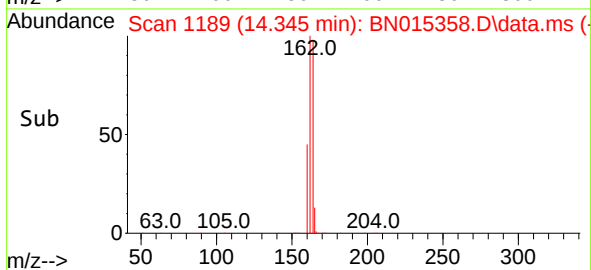
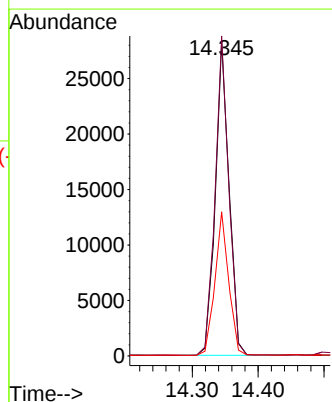
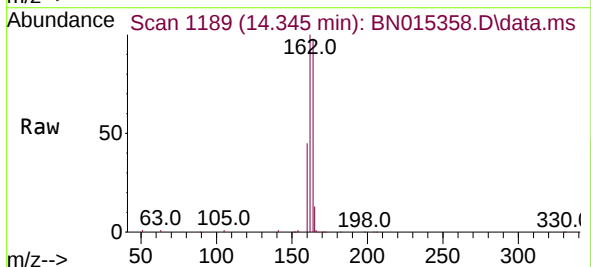
Instrument :
BNA_N
ClientSampleId :
MW-01-1.5-6.5-063021

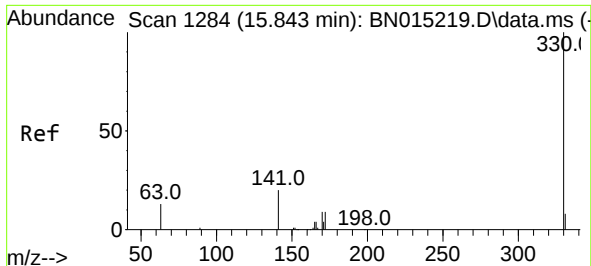
Tgt Ion:152 Resp: 38844
Ion Ratio Lower Upper
152 100
151 20.4 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.345 min Scan# 1189
Delta R.T. -0.001 min
Lab File: BN015358.D
Acq: 07 Jul 2021 04:15

Tgt Ion:164 Resp: 41014
Ion Ratio Lower Upper
164 100
162 101.8 83.8 125.6
160 45.9 37.4 56.0

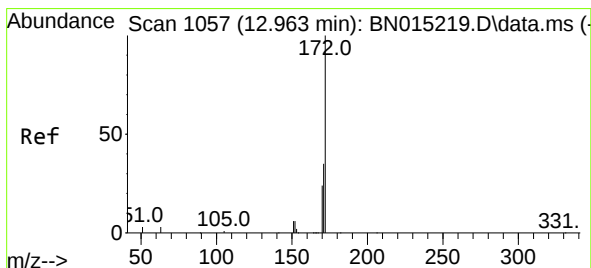
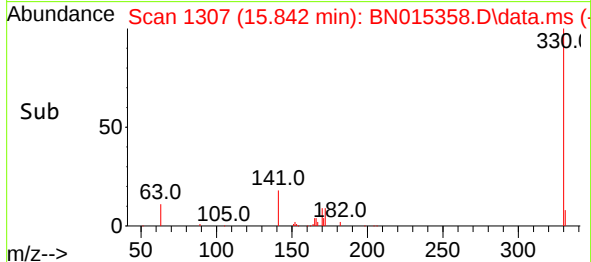
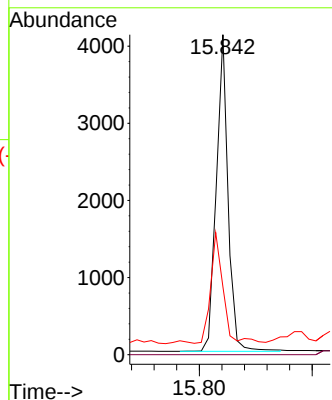
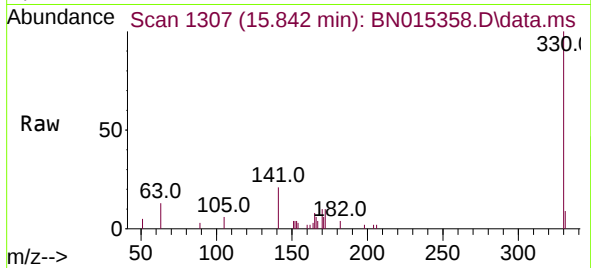




#14
2,4,6-Tribromophenol
Concen: 0.56 ng
RT: 15.842 min Scan# 1307
Delta R.T. -0.001 min
Lab File: BN015358.D
Acq: 07 Jul 2021 04:15

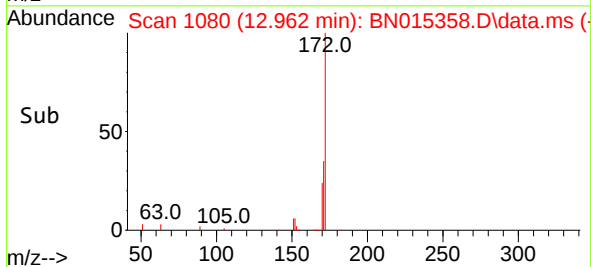
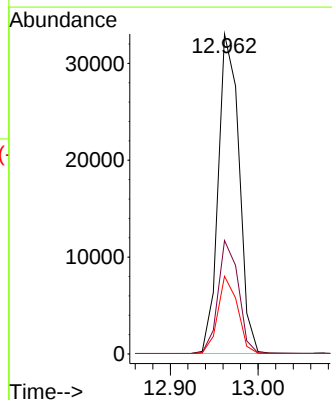
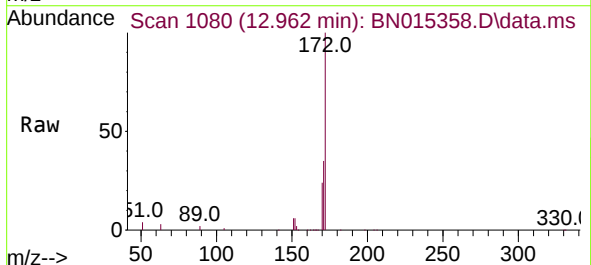
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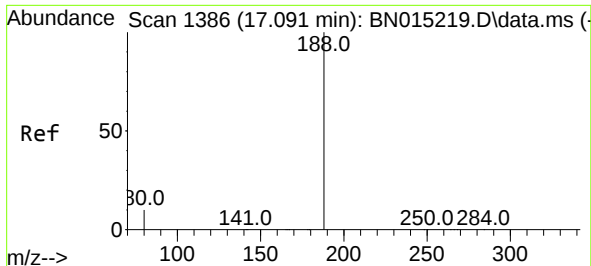
Tgt Ion: 330 Resp: 5941
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.3 22.4 33.6#



#15
2-Fluorobiphenyl
Concen: 0.33 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.001 min
Lab File: BN015358.D
Acq: 07 Jul 2021 04:15

Tgt Ion: 172 Resp: 54485
Ion Ratio Lower Upper
172 100
171 35.4 30.6 45.8
170 24.3 20.2 30.4

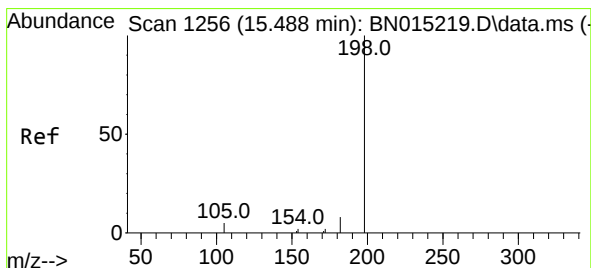
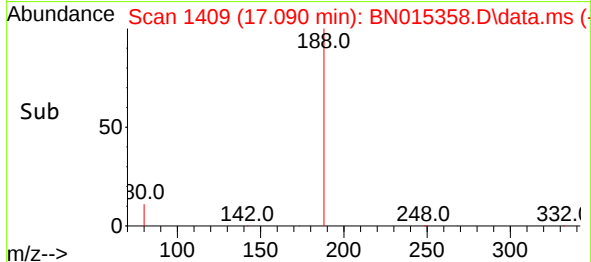
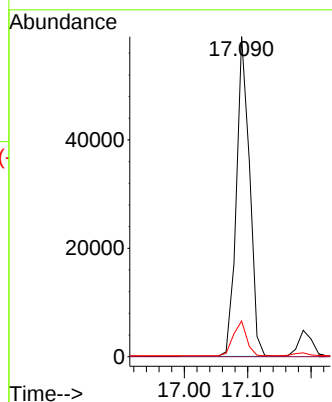
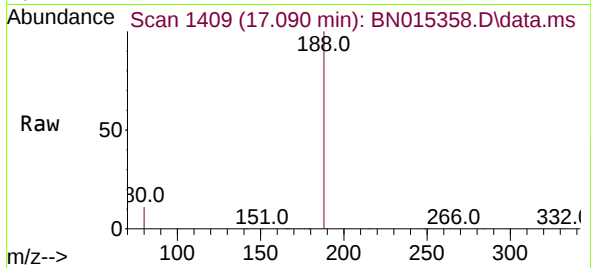




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.090 min Scan# 1409
Delta R.T. -0.001 min
Lab File: BN015358.D
Acq: 07 Jul 2021 04:15

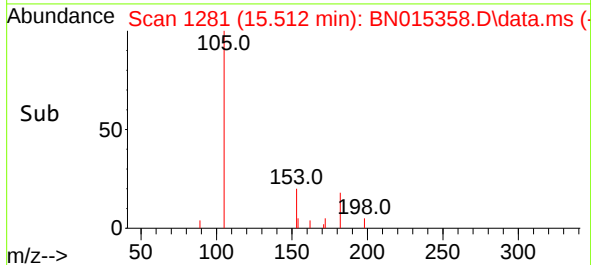
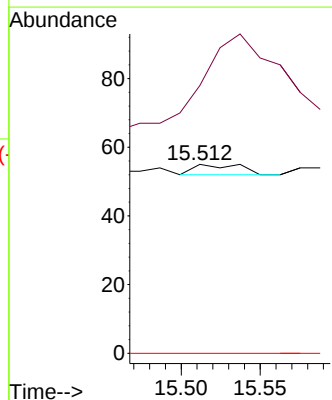
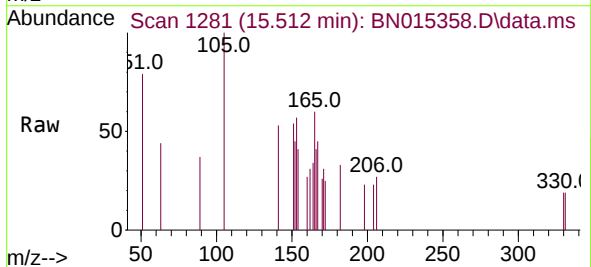
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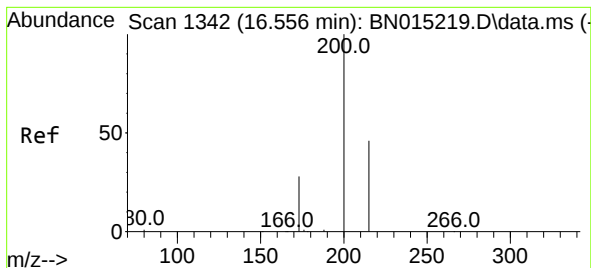
Tgt Ion:188 Resp: 85387
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.2 9.0 13.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.512 min Scan# 1281
Delta R.T. 0.024 min
Lab File: BN015358.D
Acq: 07 Jul 2021 04:15

Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
182 141.8 34.5 51.7#
77 0.0 0.0 0.0





#23

Atrazine

Concen: 0.17 ng

RT: 16.567 min Scan# 1366

Delta R.T. 0.011 min

Lab File: BN015358.D

Acq: 07 Jul 2021 04:15

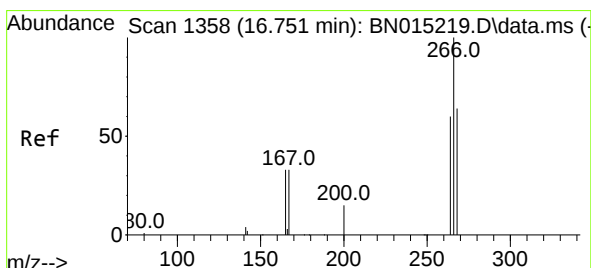
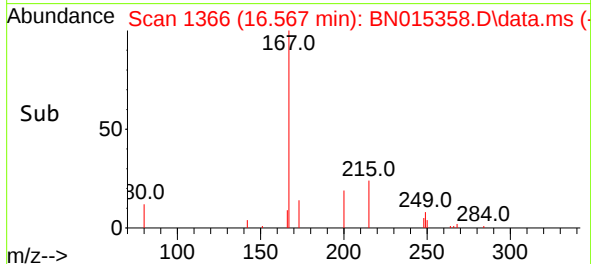
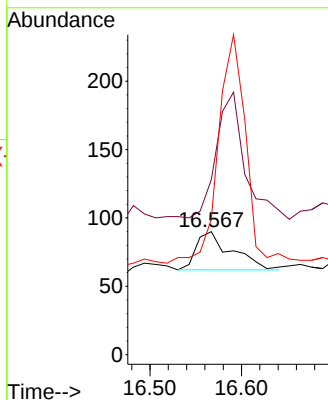
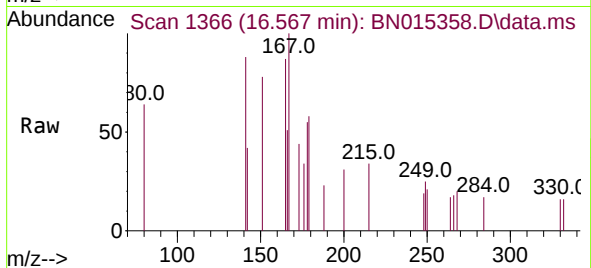
Instrument :

BNA_N

ClientSampleId :

MW-01-1.5-6.5-063021

Tgt Ion:	200	Resp:	76
Ion Ratio	Lower	Upper	
200	100		
173	142.2	21.7	32.5#
215	110.0	43.1	64.7#



#24

Pentachlorophenol

Concen: 0.59 ng

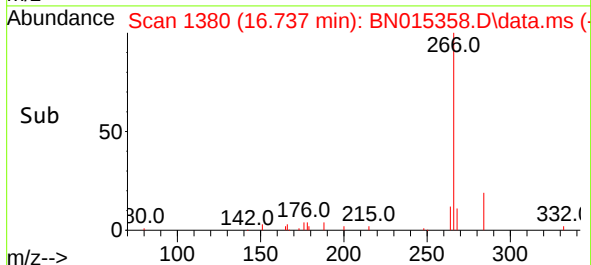
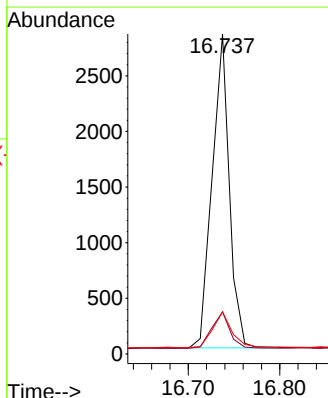
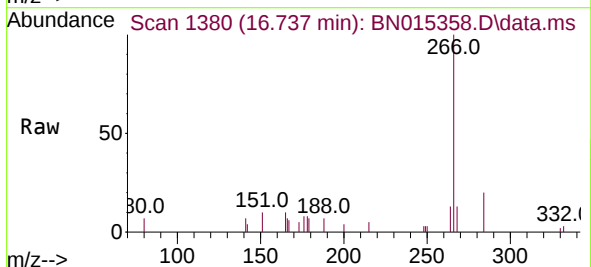
RT: 16.737 min Scan# 1380

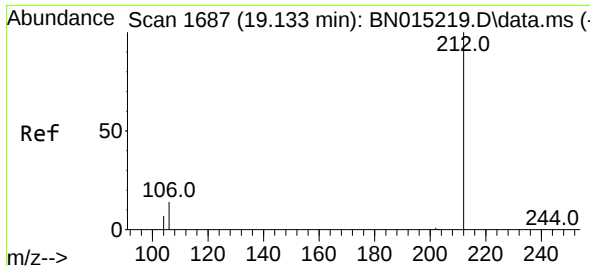
Delta R.T. -0.014 min

Lab File: BN015358.D

Acq: 07 Jul 2021 04:15

Tgt Ion:	266	Resp:	3669
Ion Ratio	Lower	Upper	
266	100		
264	12.5	51.0	76.4#
268	12.8	50.6	76.0#

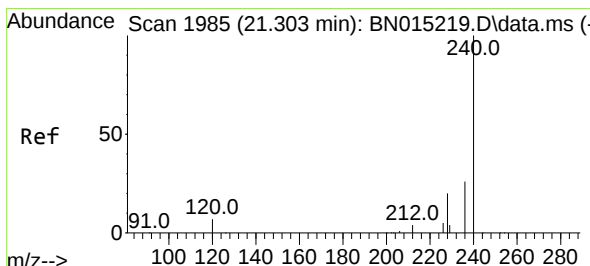
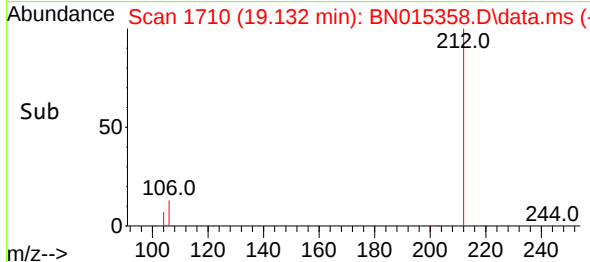
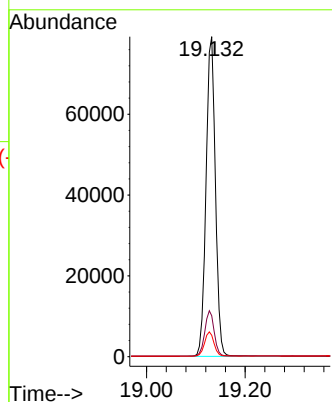
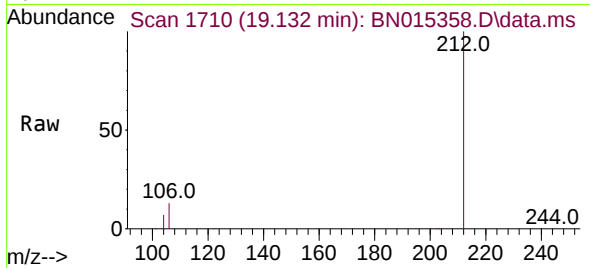




#27
Fluoranthene-d10
Concen: 0.41 ng
RT: 19.132 min Scan# 1710
Delta R.T. -0.001 min
Lab File: BN015358.D
Acq: 07 Jul 2021 04:15

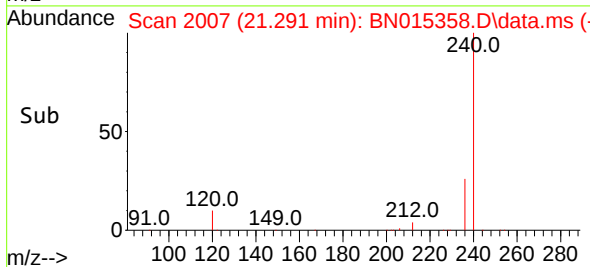
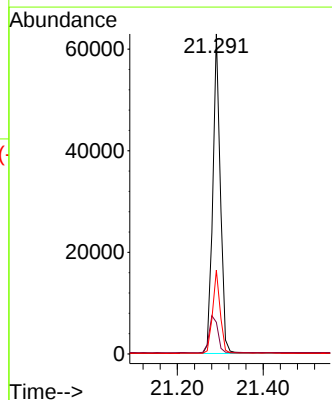
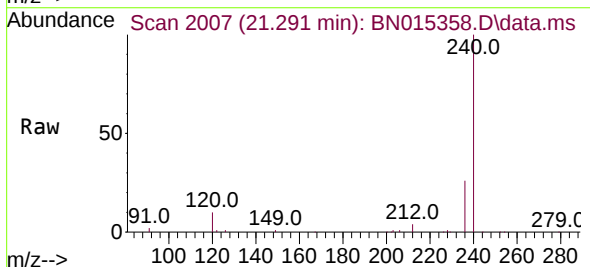
Instrument :
BNA_N
ClientSampleId :
MW-01-1.5-6.5-063021

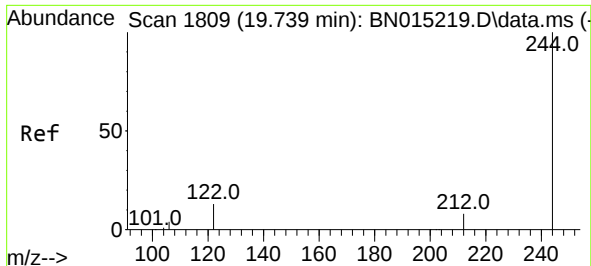
Tgt Ion:212 Resp: 104372
Ion Ratio Lower Upper
212 100
106 14.1 7.0 10.6#
104 7.7 4.1 6.1#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.291 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BN015358.D
Acq: 07 Jul 2021 04:15

Tgt Ion:240 Resp: 76709
Ion Ratio Lower Upper
240 100
120 9.9 4.2 6.4#
236 26.2 21.4 32.2

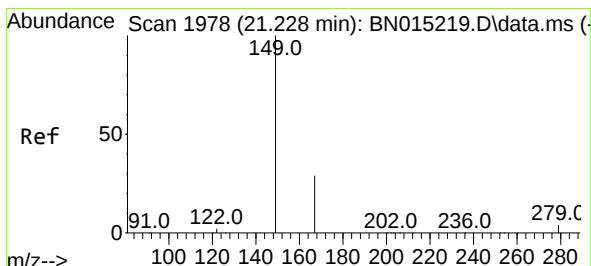
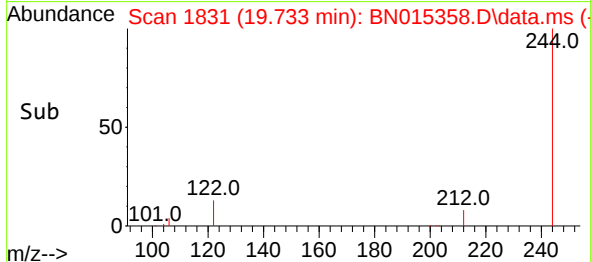
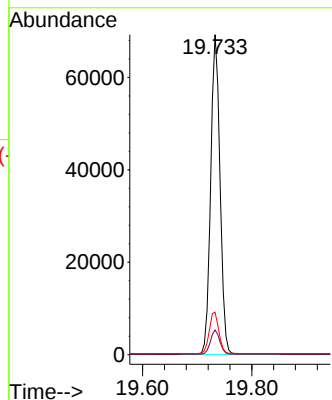
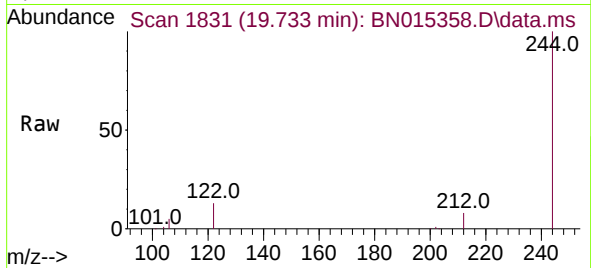




#31
 Terphenyl-d14
 Concen: 0.46 ng
 RT: 19.733 min Scan# 1831
 Delta R.T. -0.006 min
 Lab File: BN015358.D
 Acq: 07 Jul 2021 04:15

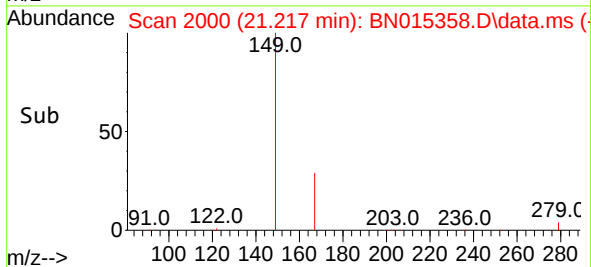
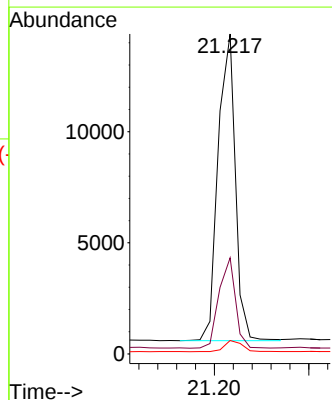
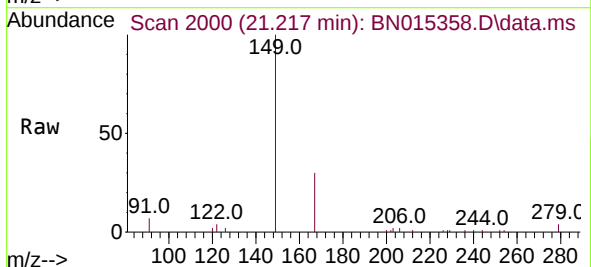
Instrument :
 BNA_N
 ClientSampleId :
 MW-01-1.5-6.5-063021

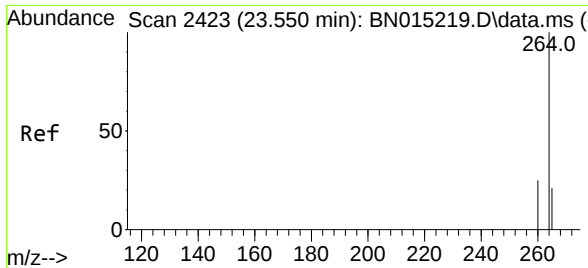
Tgt Ion:244 Resp: 82370
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.3 9.5
 122 13.2 6.2 9.2#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.34 ng
 RT: 21.217 min Scan# 2000
 Delta R.T. -0.011 min
 Lab File: BN015358.D
 Acq: 07 Jul 2021 04:15

Tgt Ion:149 Resp: 17492
 Ion Ratio Lower Upper
 149 100
 167 28.1 28.9 43.3#
 279 3.8 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: BN015358.D

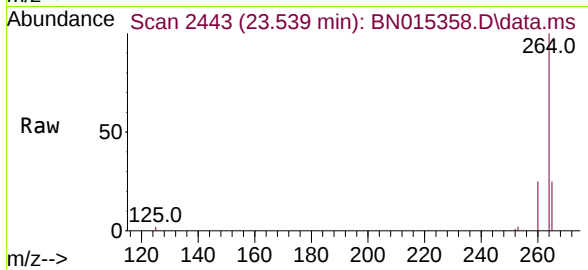
Acq: 07 Jul 2021 04:15

Instrument :

BNA_N

ClientSampleId :

MW-01-1.5-6.5-063021



Tgt Ion:264 Resp: 40909

Ion Ratio Lower Upper

264 100

260 25.1 20.6 31.0

265 24.8 21.4 32.2

