

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031723\
 Data File : BN024354.D
 Acq On : 17 Mar 2023 20:04
 Operator : CG/JU
 Sample : 01879-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GM38-RW3-MW1-20230308

Quant Time: Mar 17 23:30:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 04:37:08 2023
 Response via : Initial Calibration

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

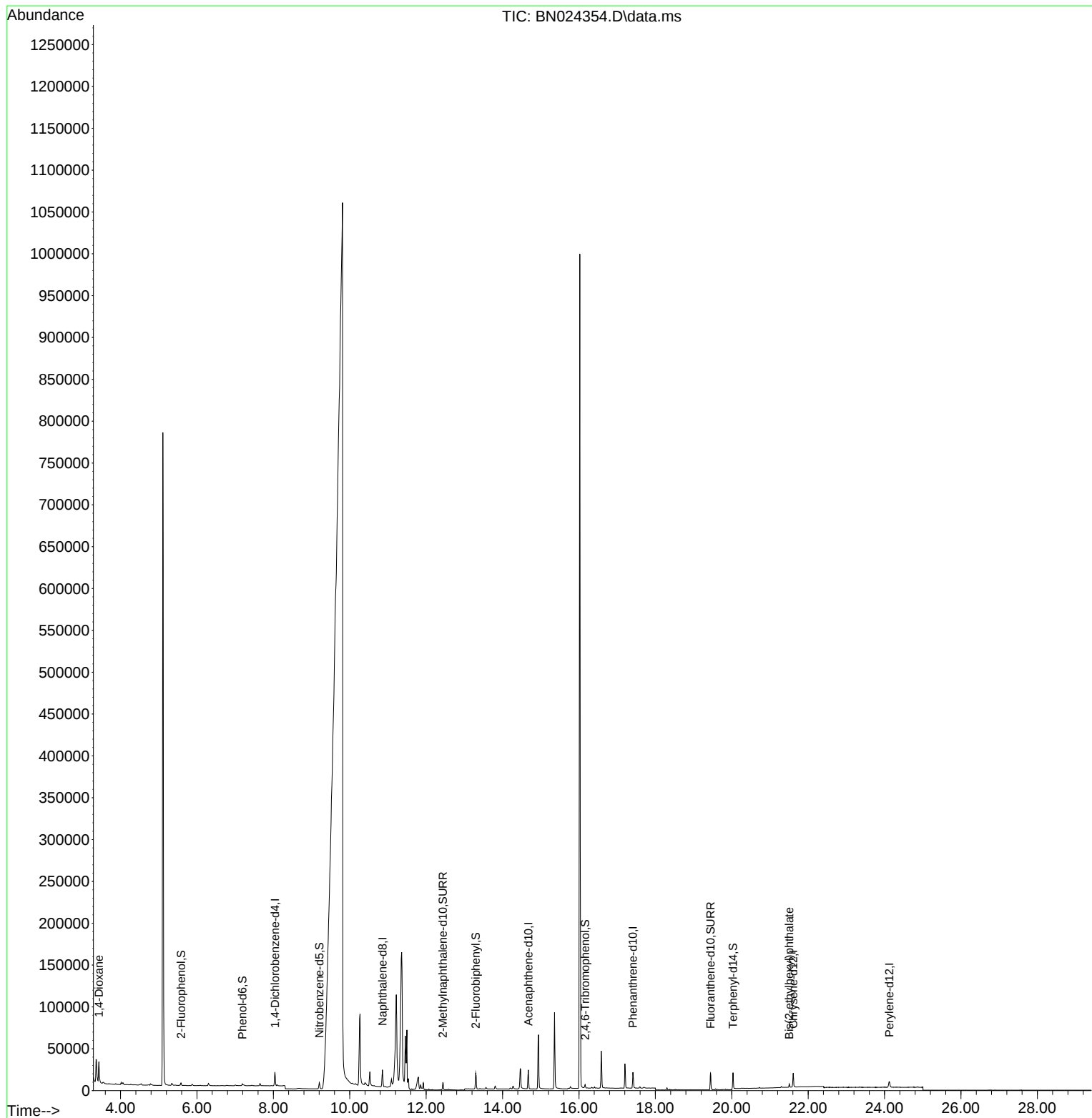
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	7789	0.400	ng	0.00
7) Naphthalene-d8	10.856	136	24796	0.400	ng	# 0.00
13) Acenaphthene-d10	14.675	164	12264	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	23813	0.400	ng	# 0.00
29) Chrysene-d12	21.610	240	16234	0.400	ng	0.00
35) Perylene-d12	24.120	264	12105	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	2424	0.141	ng	0.00
5) Phenol-d6	7.188	99	1901	0.086	ng	0.00
8) Nitrobenzene-d5	9.201	82	5805	0.350	ng	0.00
11) 2-Methylnaphthalene-d10	12.437	152	11265	0.370	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1930	0.308	ng	0.00
15) 2-Fluorobiphenyl	13.296	172	16270	0.351	ng	-0.01
27) Fluoranthene-d10	19.446	212	20663	0.409	ng	0.00
31) Terphenyl-d14	20.034	244	14286	0.522	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.432	88	15366	1.813	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.502	149	4081	0.160	ng	96

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

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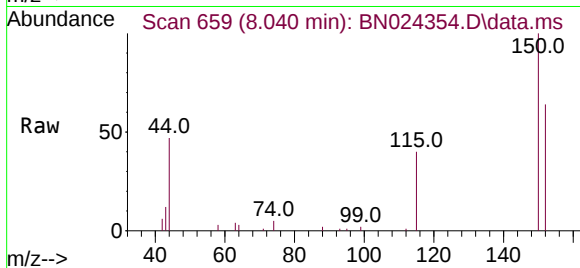
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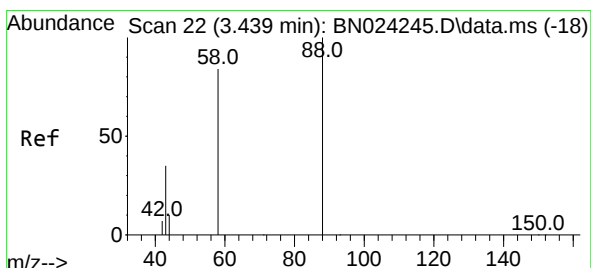
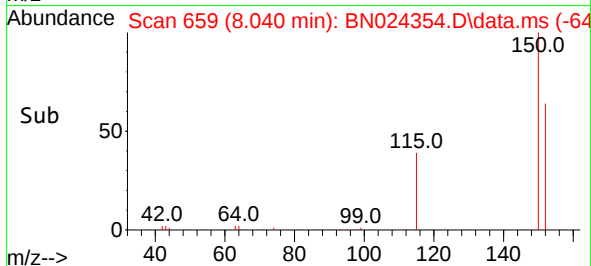
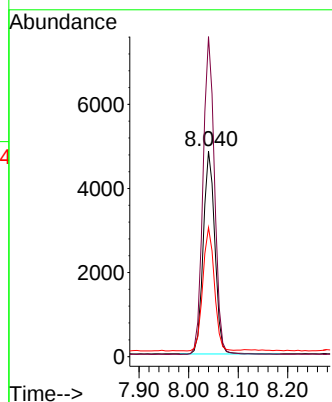


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.040 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN024354.D
Acq: 17 Mar 2023 20:04

Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20230308

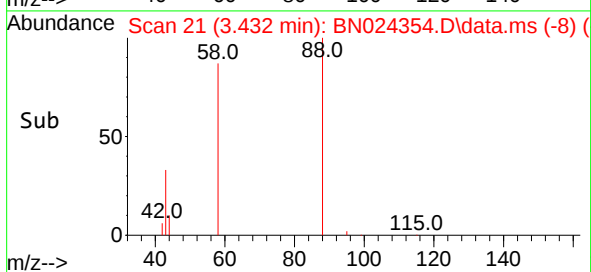
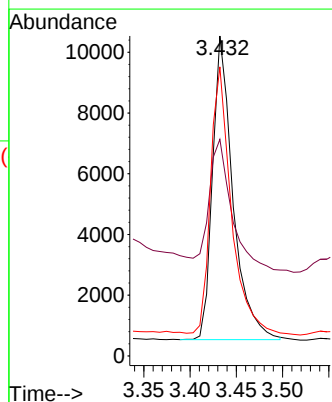
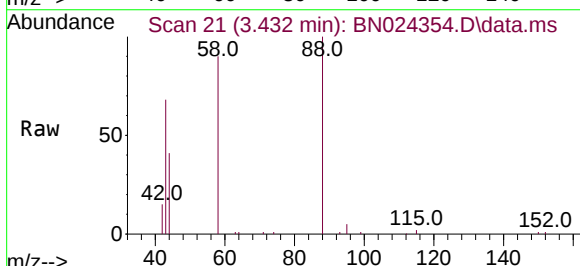


Tgt Ion:152 Resp: 7789
Ion Ratio Lower Upper
152 100
150 155.8 124.7 187.1
115 62.9 49.1 73.7



#2
1,4-Dioxane
Concen: 1.813 ng
RT: 3.432 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN024354.D
Acq: 17 Mar 2023 20:04

Tgt Ion: 88 Resp: 15366
Ion Ratio Lower Upper
88 100
43 47.4 29.0 43.4#
58 88.2 67.3 100.9

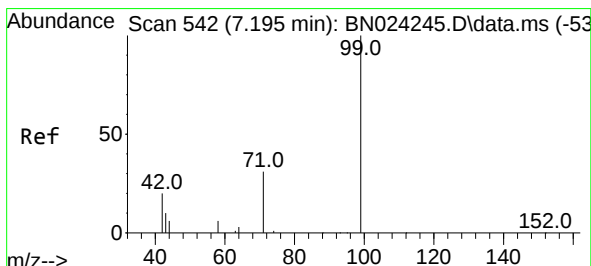
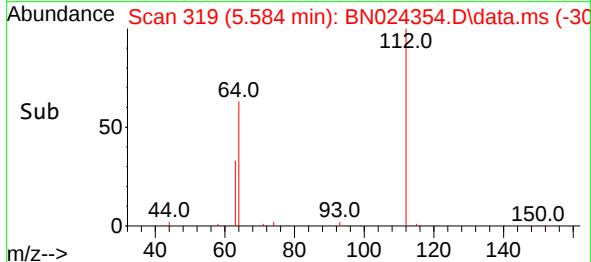
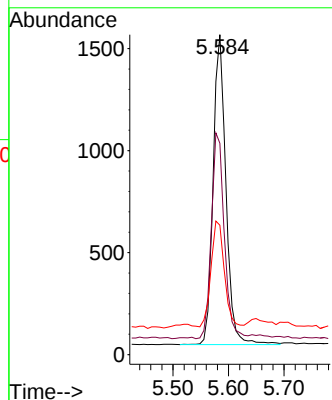
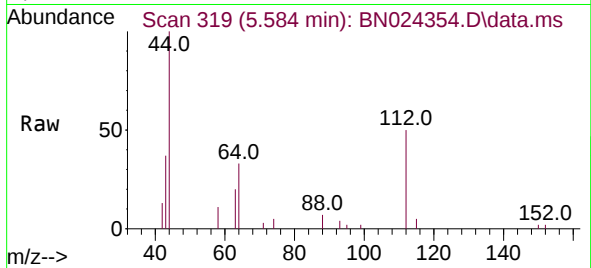




#4
2-Fluorophenol
Concen: 0.141 ng
RT: 5.584 min Scan# 319
Delta R.T. 0.007 min
Lab File: BN024354.D
Acq: 17 Mar 2023 20:04

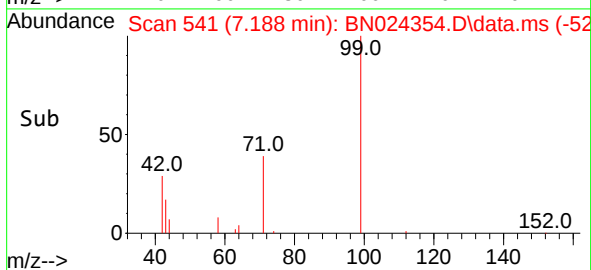
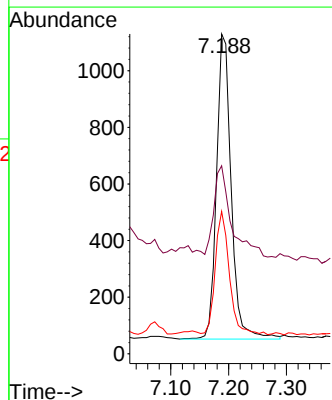
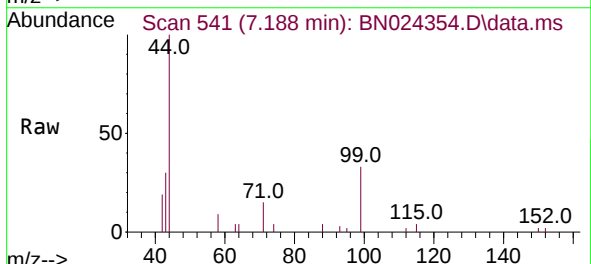
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20230308

Tgt Ion:112 Resp: 2424
Ion Ratio Lower Upper
112 100
64 67.4 49.0 73.6
63 35.5 25.7 38.5



#5
Phenol-d6
Concen: 0.086 ng
RT: 7.188 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN024354.D
Acq: 17 Mar 2023 20:04

Tgt Ion: 99 Resp: 1901
Ion Ratio Lower Upper
99 100
42 35.2 20.1 30.1#
71 38.9 25.8 38.8#

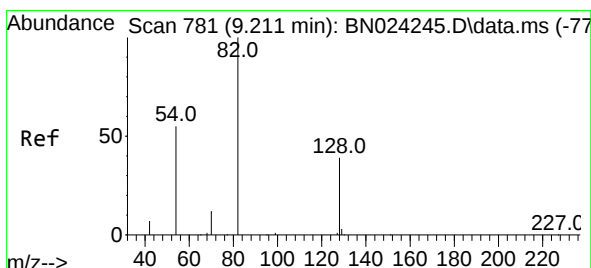
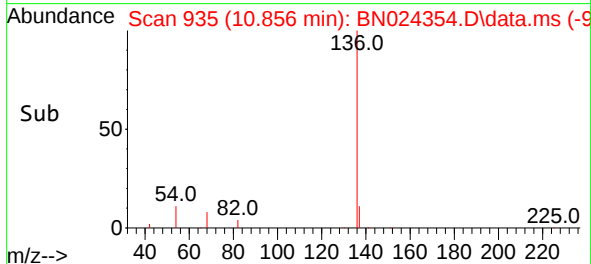
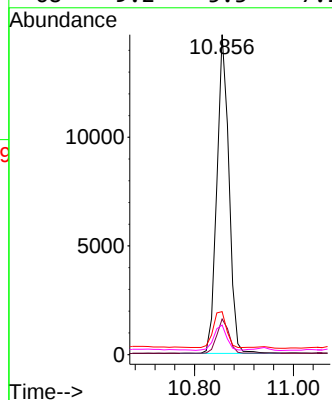
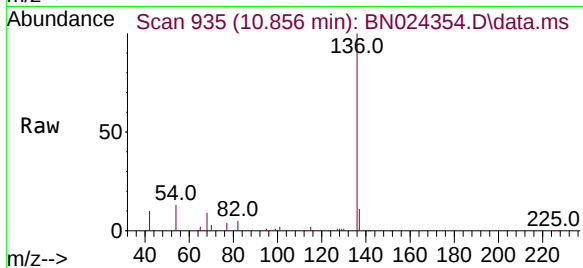




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.856 min Scan# 936
Delta R.T. 0.000 min
Lab File: BN024354.D
Acq: 17 Mar 2023 20:04

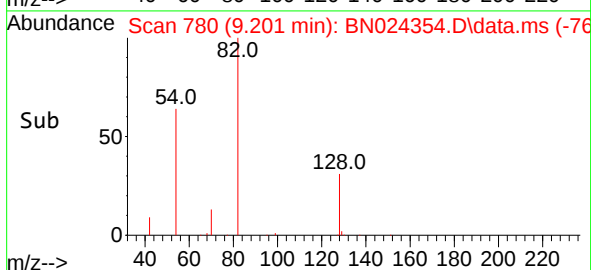
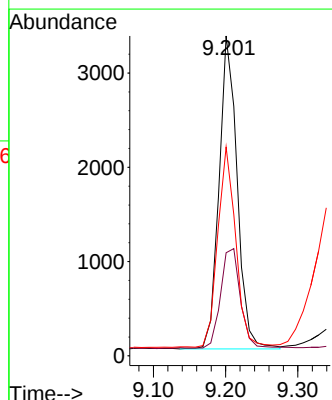
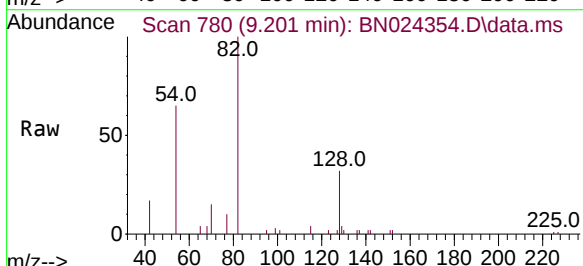
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20230308

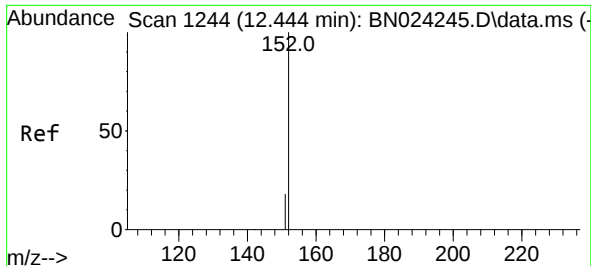
Tgt Ion:	136	Resp:	24796
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	13.4	7.1	10.7#
68	9.2	5.3	7.9#



#8
Nitrobenzene-d5
Concen: 0.350 ng
RT: 9.201 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN024354.D
Acq: 17 Mar 2023 20:04

Tgt Ion:	82	Resp:	5805
Ion Ratio	Lower	Upper	
82	100		
128	32.2	32.4	48.6#
54	65.3	45.2	67.8

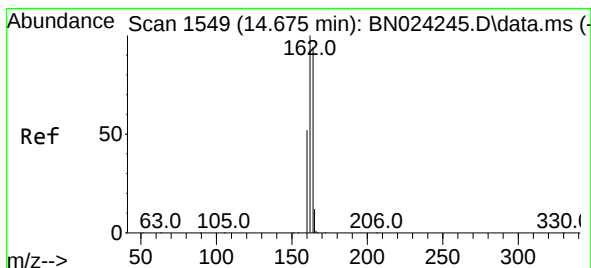
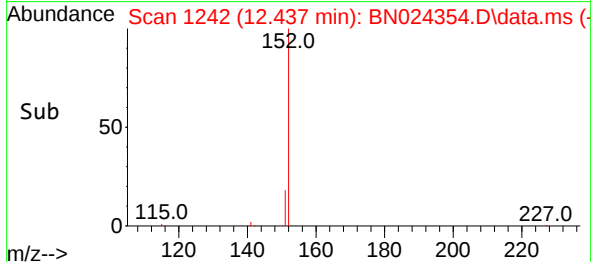
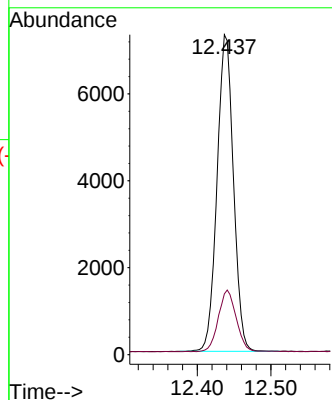
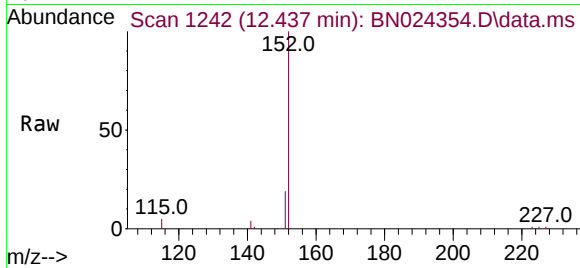




#11
2-Methylnaphthalene-d10
Concen: 0.370 ng
RT: 12.437 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN024354.D
Acq: 17 Mar 2023 20:04

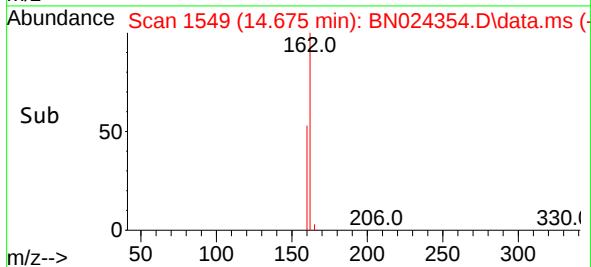
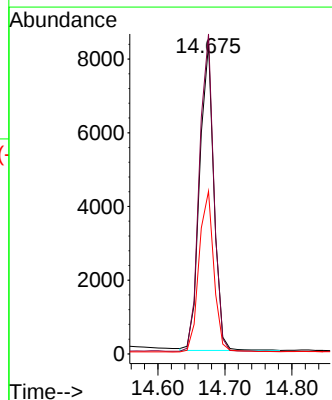
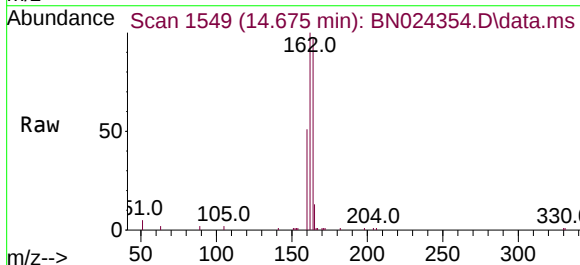
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20230308

Tgt Ion:152 Resp: 11265
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.675 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BN024354.D
Acq: 17 Mar 2023 20:04

Tgt Ion:164 Resp: 12264
Ion Ratio Lower Upper
164 100
162 103.2 84.7 127.1
160 52.5 44.6 66.8

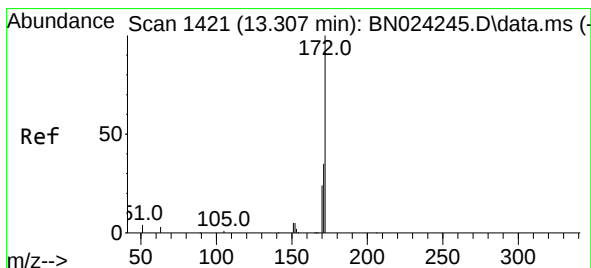
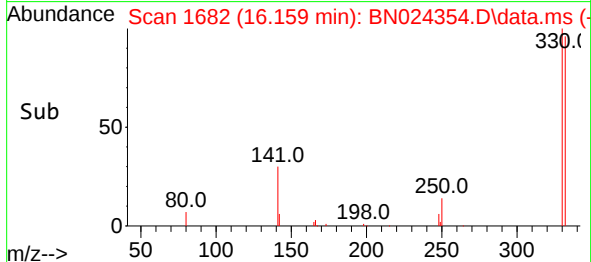
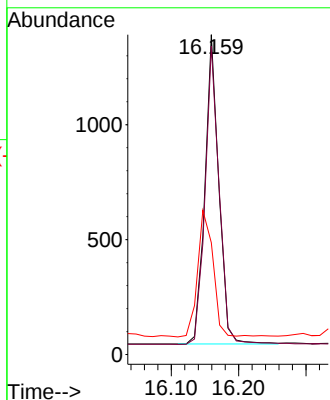
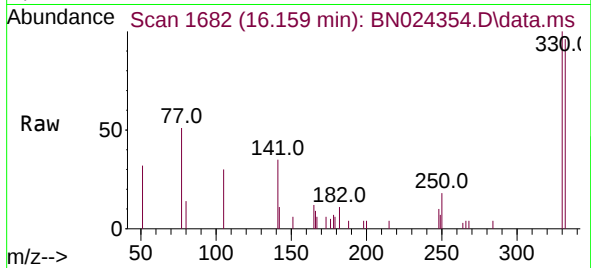




#14
2,4,6-Tribromophenol
Concen: 0.308 ng
RT: 16.159 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN024354.D
Acq: 17 Mar 2023 20:04

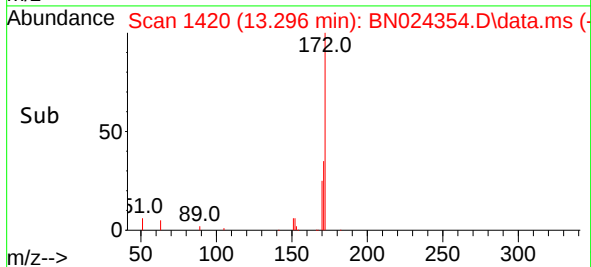
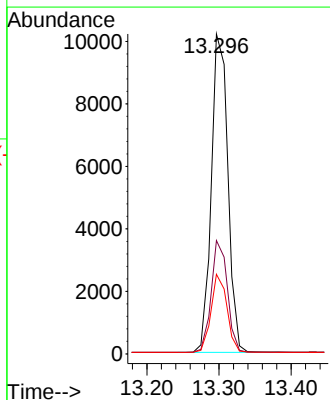
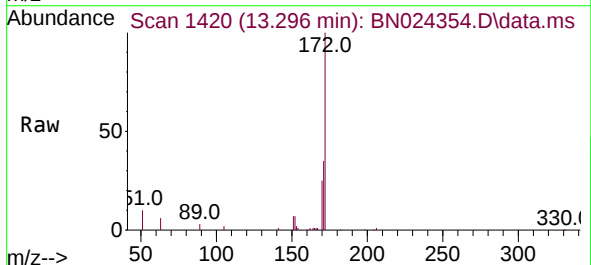
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20230308

Tgt Ion:	330	Resp:	1930
Ion Ratio	Lower	Upper	
330	100		
332	97.8	78.0	117.0
141	44.9	30.8	46.2



#15
2-Fluorobiphenyl
Concen: 0.351 ng
RT: 13.296 min Scan# 1420
Delta R.T. -0.011 min
Lab File: BN024354.D
Acq: 17 Mar 2023 20:04

Tgt Ion:	172	Resp:	16270
Ion Ratio	Lower	Upper	
172	100		
171	35.4	27.8	41.8
170	24.9	19.0	28.6

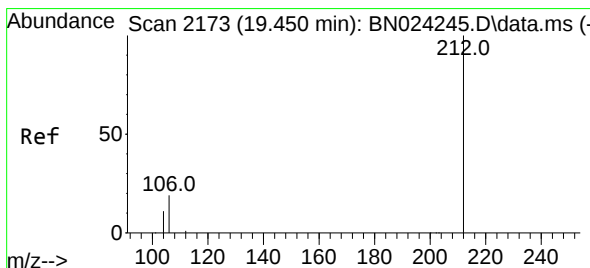
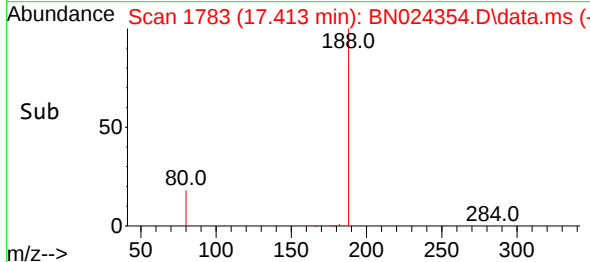
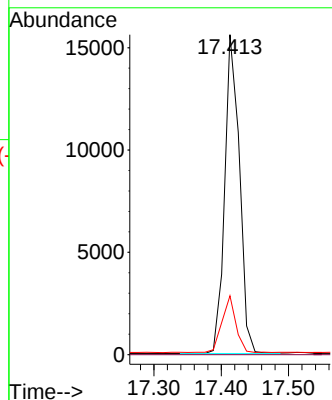
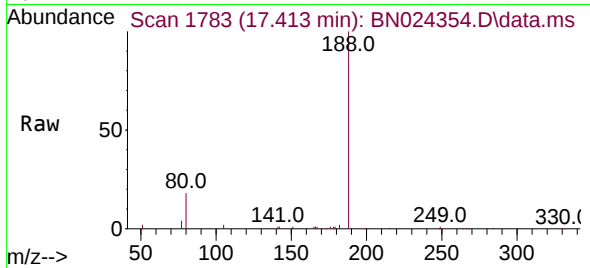




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.413 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024354.D
Acq: 17 Mar 2023 20:04

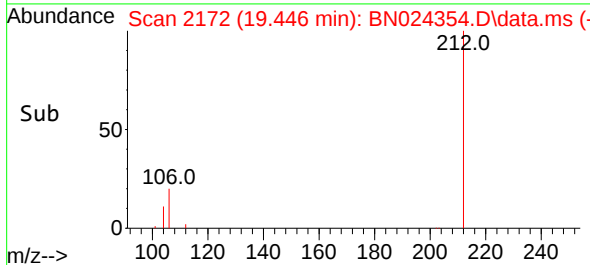
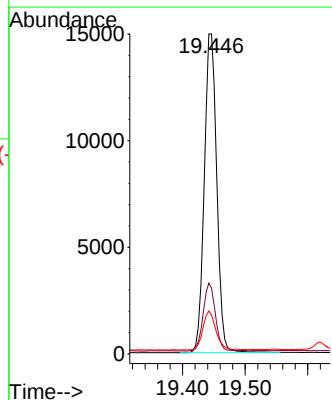
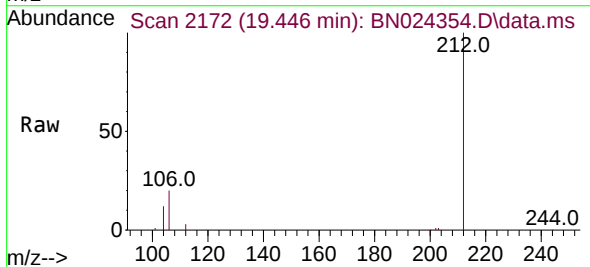
Instrument :
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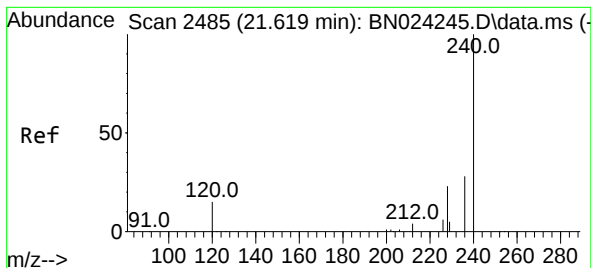
Tgt Ion:188 Resp: 23813
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 18.4 8.9 13.3#



#27
Fluoranthene-d10
Concen: 0.409 ng
RT: 19.446 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BN024354.D
Acq: 17 Mar 2023 20:04

Tgt Ion:212 Resp: 20663
Ion Ratio Lower Upper
212 100
106 20.8 15.4 23.2
104 12.8 8.6 13.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.610 min Scan# 2485

Delta R.T. 0.009 min

Lab File: BN024354.D

Acq: 17 Mar 2023 20:04

Instrument :

BNA_N

ClientSampleId :

GM38-RW3-MW1-20230308

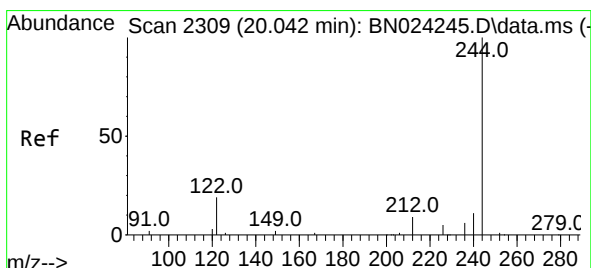
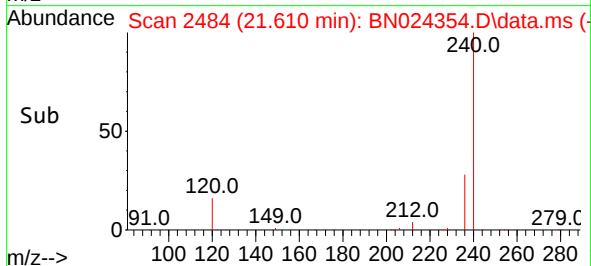
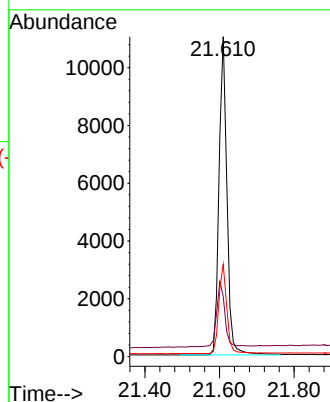
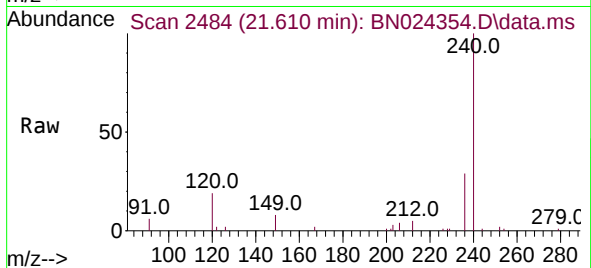
Tgt Ion:240 Resp: 16234

Ion Ratio Lower Upper

240 100

120 18.8 12.8 19.2

236 28.8 22.5 33.7



#31

Terphenyl-d14

Concen: 0.522 ng

RT: 20.034 min Scan# 2308

Delta R.T. 0.000 min

Lab File: BN024354.D

Acq: 17 Mar 2023 20:04

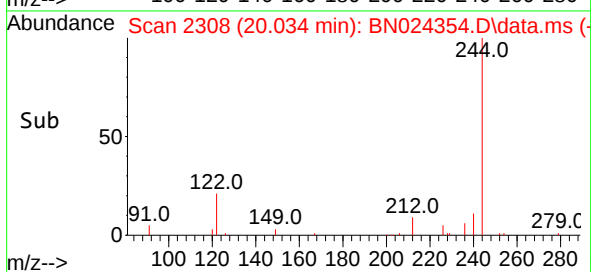
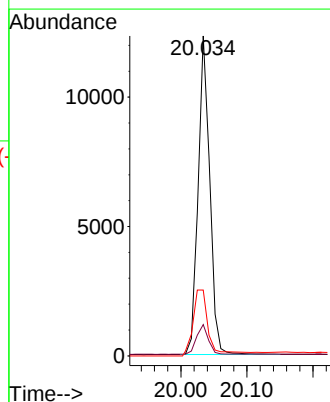
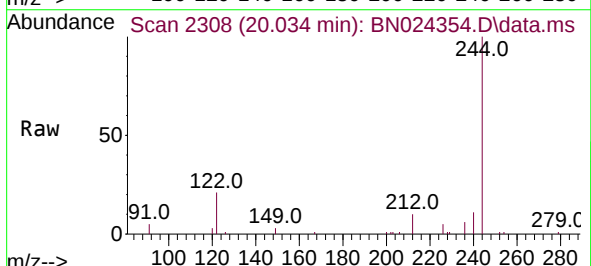
Tgt Ion:244 Resp: 14286

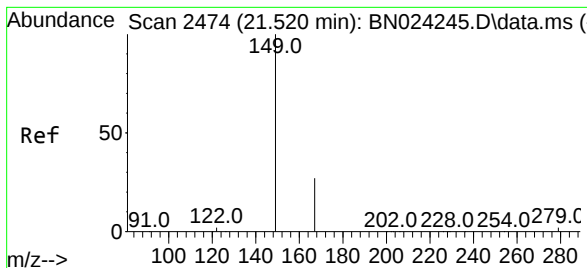
Ion Ratio Lower Upper

244 100

212 9.8 7.6 11.4

122 20.6 15.1 22.7

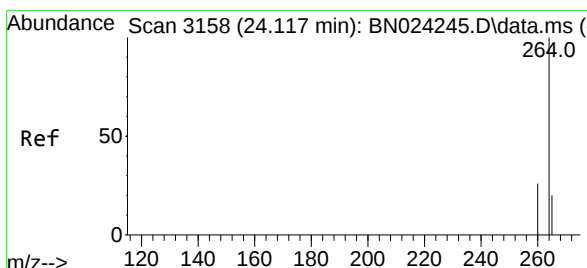
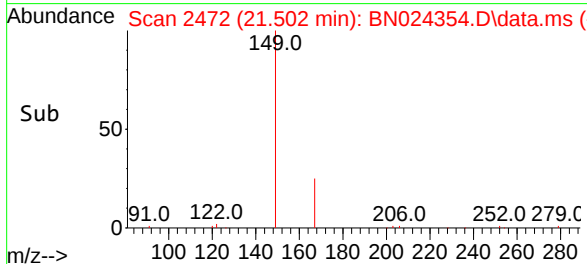
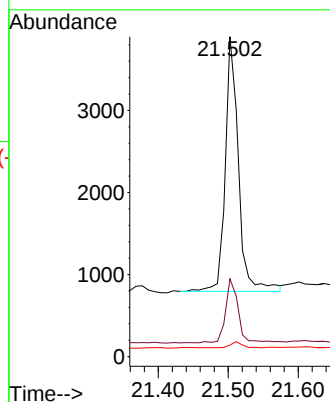
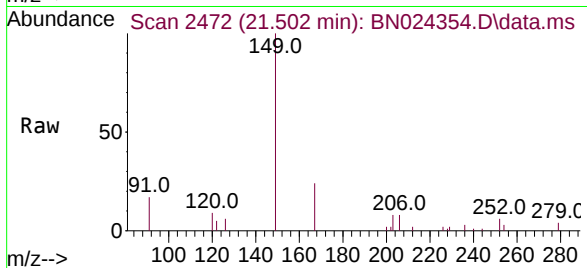




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.160 ng
 RT: 21.502 min Scan# 2474
 Delta R.T. 0.000 min
 Lab File: BN024354.D
 Acq: 17 Mar 2023 20:04

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Tgt Ion:	149	Resp:	4081
Ion Ratio	Lower	Upper	
149	100		
167	24.4	21.2	31.8
279	2.2	1.8	2.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.120 min Scan# 3159
 Delta R.T. 0.006 min
 Lab File: BN024354.D
 Acq: 17 Mar 2023 20:04

Tgt Ion:	264	Resp:	12105
Ion Ratio	Lower	Upper	
264	100		
260	27.4	21.4	32.2
265	69.0	35.7	53.5

