

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
 Data File : BN029000.D
 Acq On : 03 Dec 2023 01:23
 Operator : MA/JU
 Sample : 05404-20
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GM38-RW3-MW1-20231109

Quant Time: Dec 03 08:17:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 23:11:55 2023
 Response via : Initial Calibration

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

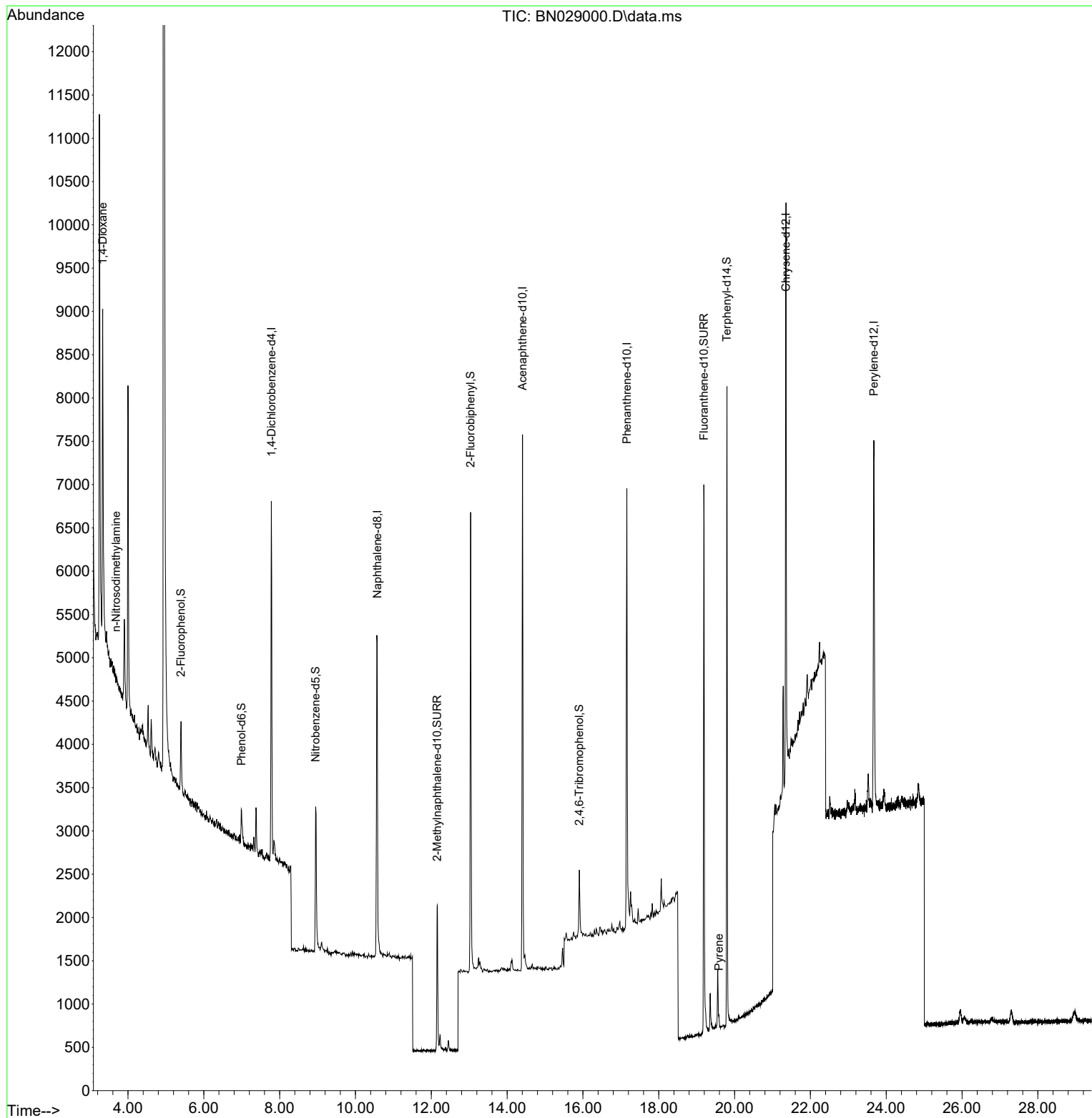
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.782	152	1967	0.400	ng	-0.01
7) Naphthalene-d8	10.573	136	5491	0.400	ng	#-0.01
13) Acenaphthene-d10	14.407	164	3540	0.400	ng	-0.01
19) Phenanthrene-d10	17.159	188	7691	0.400	ng	#-0.01
29) Chrysene-d12	21.356	240	6563	0.400	ng	#-0.02
35) Perylene-d12	23.676	264	6156	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	557	0.093	ng	-0.01
5) Phenol-d6	6.995	99	356	0.054	ng	-0.01
8) Nitrobenzene-d5	8.950	82	1665	0.305	ng	-0.02
11) 2-Methylnaphthalene-d10	12.155	152	2475	0.281	ng	-0.02
14) 2,4,6-Tribromophenol	15.905	330	530	0.222	ng	-0.01
15) 2-Fluorobiphenyl	13.039	172	4681	0.306	ng	-0.01
27) Fluoranthene-d10	19.190	212	7456	0.369	ng	-0.02
31) Terphenyl-d14	19.799	244	7112	0.387	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.333	88	2806	1.457	ng	# 94
3) n-Nitrosodimethylamine	3.687	42	60	0.111	ng	# 72
30) Pyrene	19.585	202	134	0.097	ng	# 72
34) Bis(2-ethylhexyl)phtha...	21.284	149	1447	Below Cal		# 86

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

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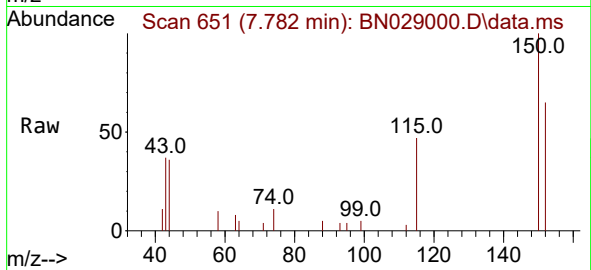
Quant Time: Dec 03 08:17:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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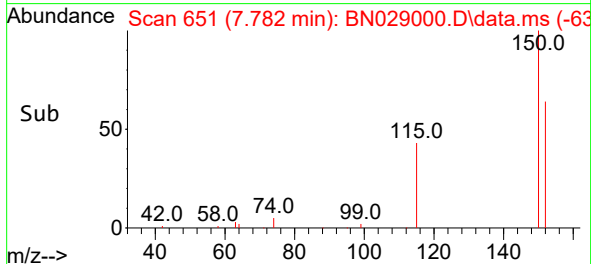
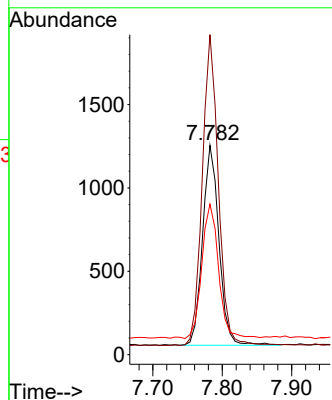
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.782 min Scan# 61
 Delta R.T. -0.015 min
 Lab File: BN029000.D
 Acq: 03 Dec 2023 01:23

Instrument :
 BNA_N
 ClientSampleId :
 GM38-RW3-MW1-20231109



Tgt Ion:152 Resp: 1967

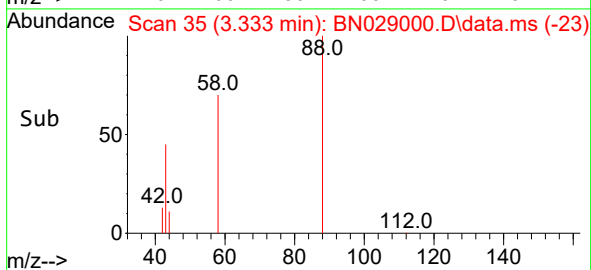
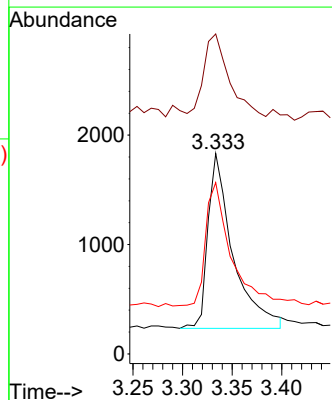
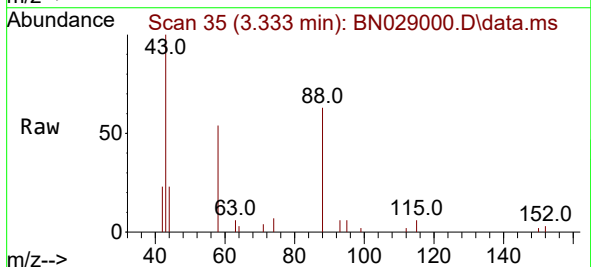
Ion	Ratio	Lower	Upper
152	100		
150	152.9	123.4	185.2
115	72.0	59.1	88.7



#2
 1,4-Dioxane
 Concen: 1.457 ng
 RT: 3.333 min Scan# 35
 Delta R.T. -0.014 min
 Lab File: BN029000.D
 Acq: 03 Dec 2023 01:23

Tgt Ion: 88 Resp: 2806

Ion	Ratio	Lower	Upper
88	100		
43	47.4	29.9	44.9
58	69.2	55.0	82.4

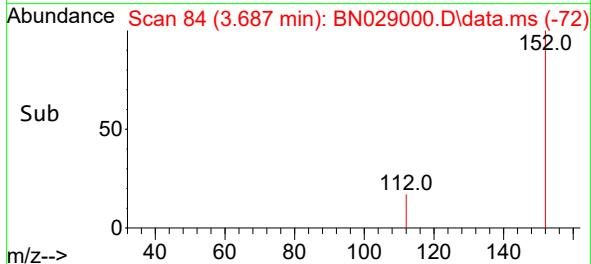
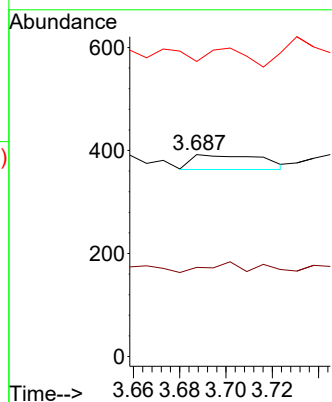
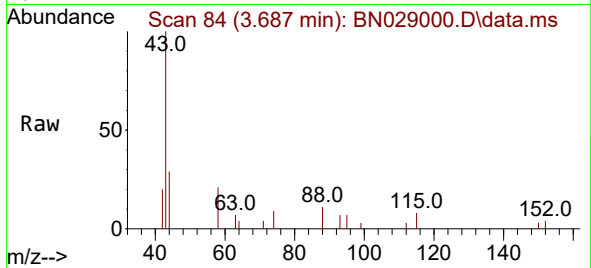




#3
n-Nitrosodimethylamine
Concen: 0.111 ng
RT: 3.687 min Scan# 84
Delta R.T. -0.014 min
Lab File: BN029000.D
Acq: 03 Dec 2023 01:23

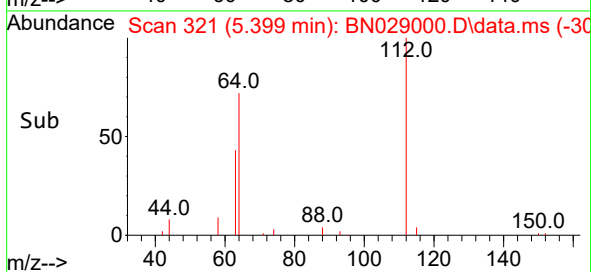
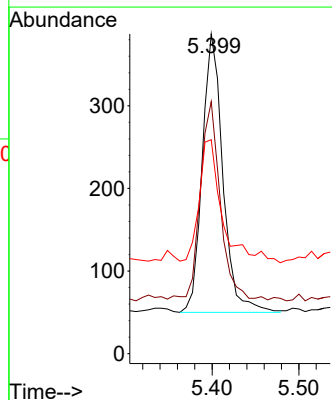
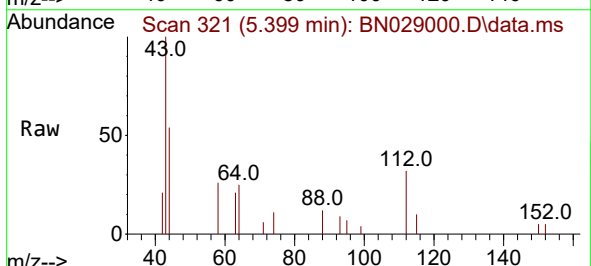
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20231109

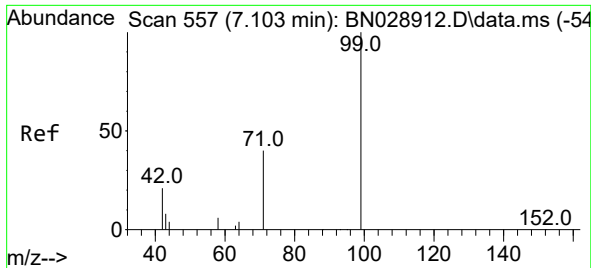
Tgt Ion: 42 Resp: 60
Ion Ratio Lower Upper
42 100
74 48.3 57.0 85.6#
44 65.0 0.0 0.0#



#4
2-Fluorophenol
Concen: 0.093 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.014 min
Lab File: BN029000.D
Acq: 03 Dec 2023 01:23

Tgt Ion: 112 Resp: 557
Ion Ratio Lower Upper
112 100
64 67.7 51.5 77.3
63 49.0 30.4 45.6#

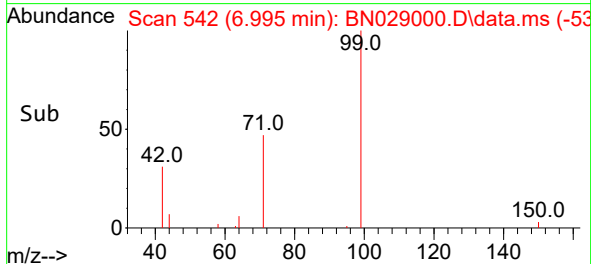
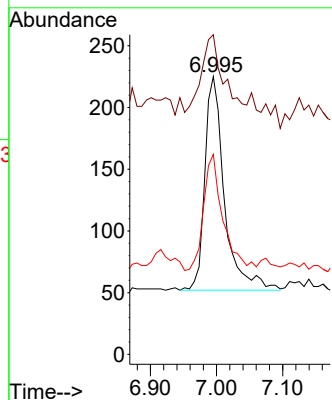
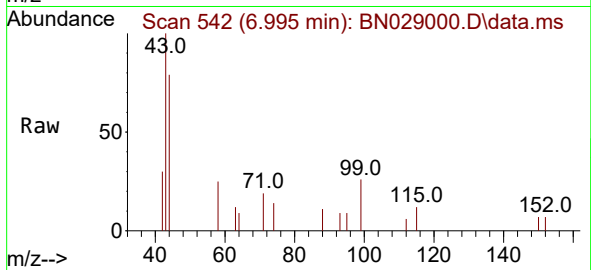




#5
Phenol-d6
Concen: 0.054 ng
RT: 6.995 min Scan# 54
Delta R.T. -0.014 min
Lab File: BN029000.D
Acq: 03 Dec 2023 01:23

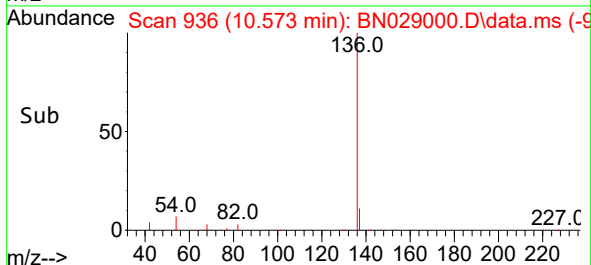
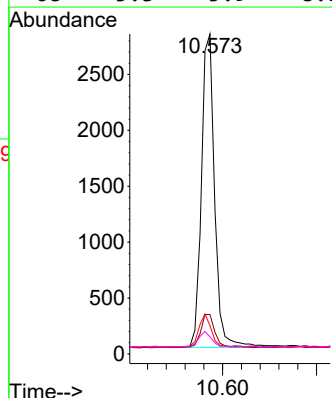
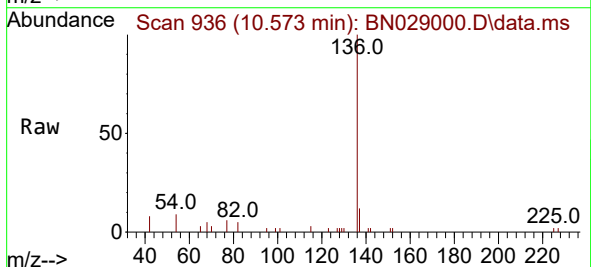
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20231109

Tgt Ion: 99 Resp: 356
Ion Ratio Lower Upper
99 100
42 39.6 21.2 31.8#
71 53.9 35.4 53.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. -0.011 min
Lab File: BN029000.D
Acq: 03 Dec 2023 01:23

Tgt Ion: 136 Resp: 5491
Ion Ratio Lower Upper
136 100
137 12.3 10.6 16.0
54 8.8 7.5 11.3
68 5.3 5.9 8.9#

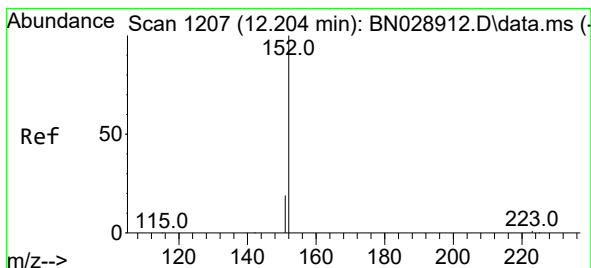
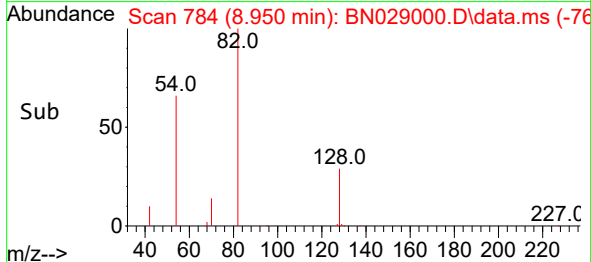
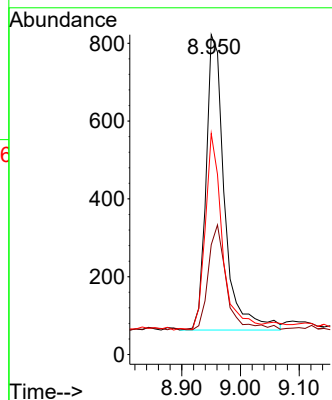
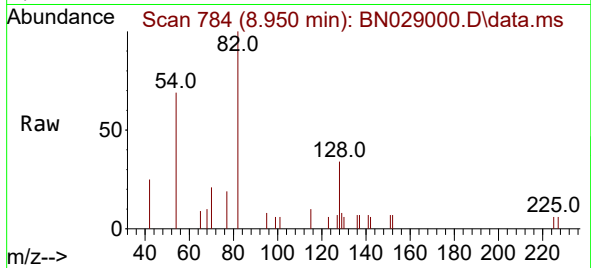




#8
Nitrobenzene-d5
Concen: 0.305 ng
RT: 8.950 min Scan# 71
Delta R.T. -0.021 min
Lab File: BN029000.D
Acq: 03 Dec 2023 01:23

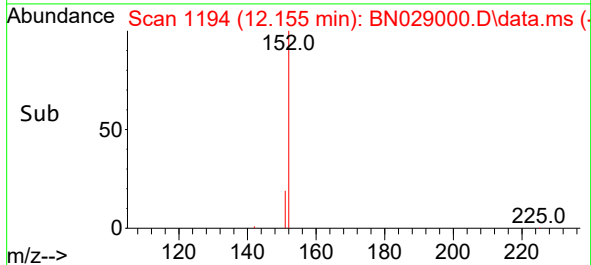
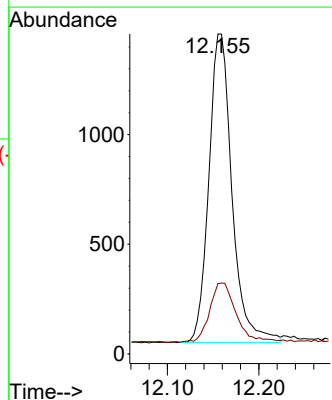
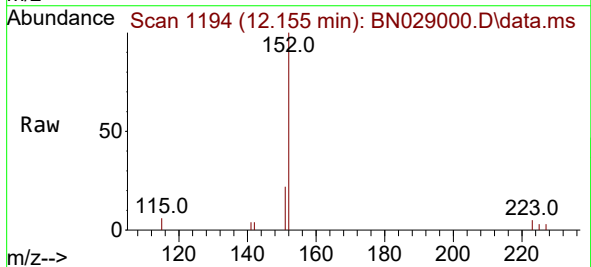
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20231109

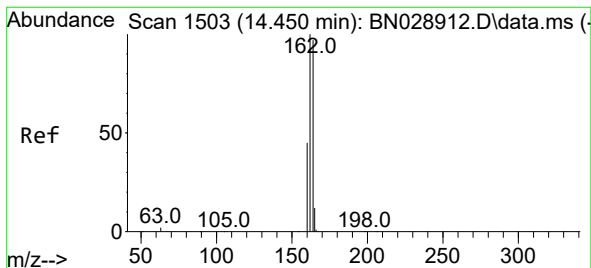
Tgt Ion: 82 Resp: 1665
Ion Ratio Lower Upper
82 100
128 34.3 29.2 43.8
54 69.1 47.0 70.6



#11
2-Methylnaphthalene-d10
Concen: 0.281 ng
RT: 12.155 min Scan# 1194
Delta R.T. -0.015 min
Lab File: BN029000.D
Acq: 03 Dec 2023 01:23

Tgt Ion:152 Resp: 2475
Ion Ratio Lower Upper
152 100
151 22.3 16.7 25.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.407 min Scan# 14

Delta R.T. -0.011 min

Lab File: BN029000.D

Acq: 03 Dec 2023 01:23

Instrument :

BNA_N

ClientSampleId :

GM38-RW3-MW1-20231109

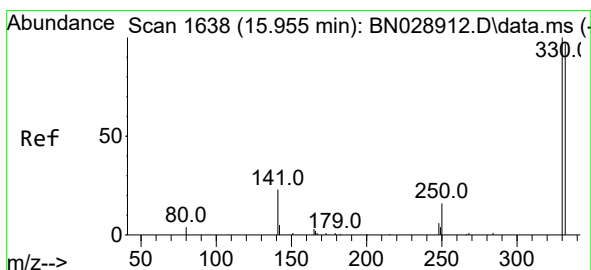
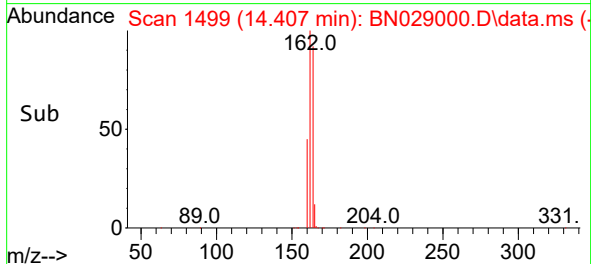
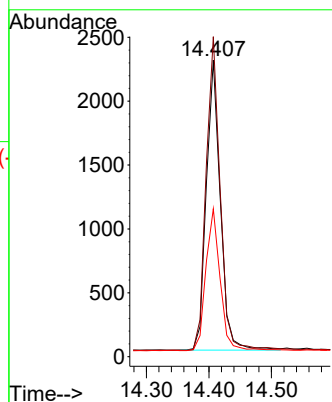
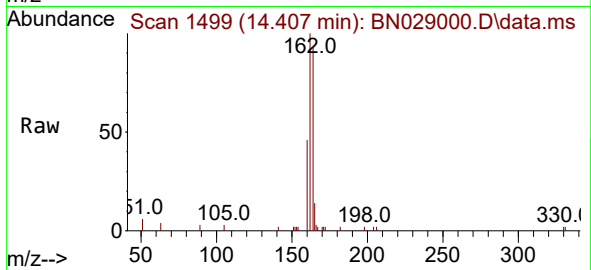
Tgt Ion:164 Resp: 3540

Ion Ratio Lower Upper

164 100

162 107.9 81.7 122.5

160 49.8 37.0 55.6



#14

2,4,6-Tribromophenol

Concen: 0.222 ng

RT: 15.905 min Scan# 1634

Delta R.T. -0.012 min

Lab File: BN029000.D

Acq: 03 Dec 2023 01:23

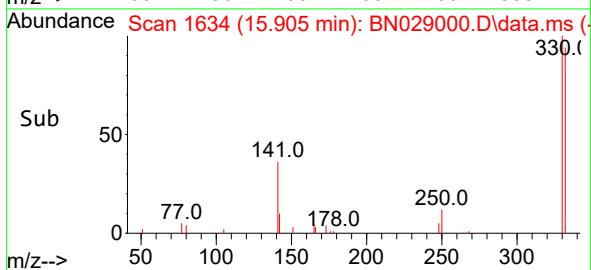
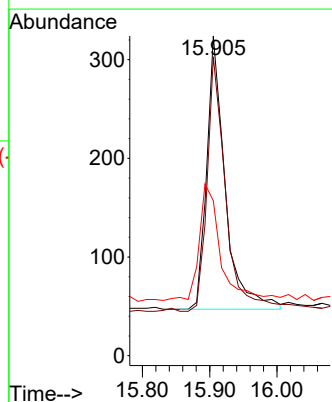
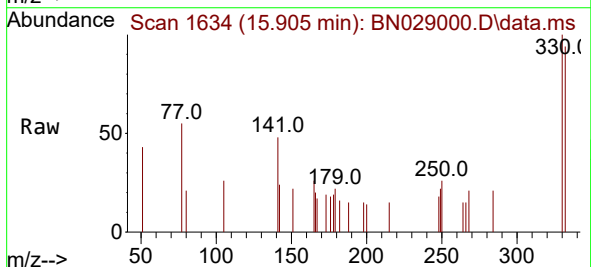
Tgt Ion:330 Resp: 530

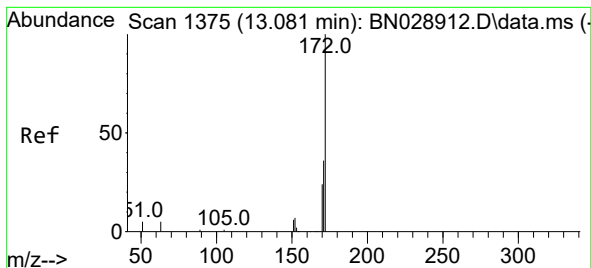
Ion Ratio Lower Upper

330 100

332 93.6 75.4 113.2

141 48.9 35.7 53.5

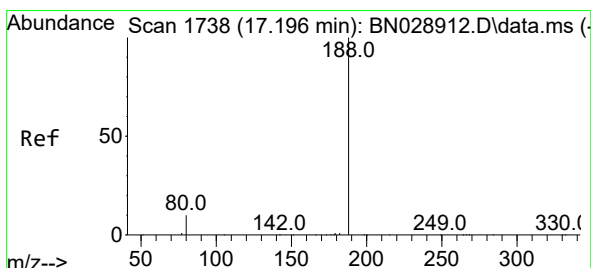
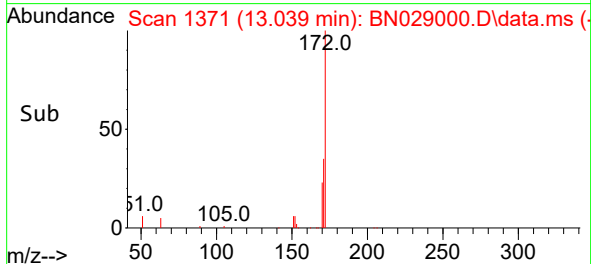
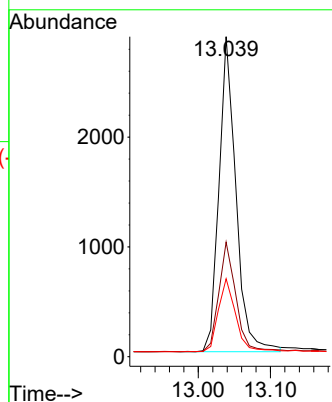
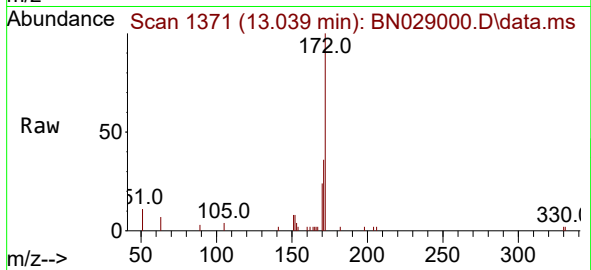




#15
2-Fluorobiphenyl
Concen: 0.306 ng
RT: 13.039 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN029000.D
Acq: 03 Dec 2023 01:23

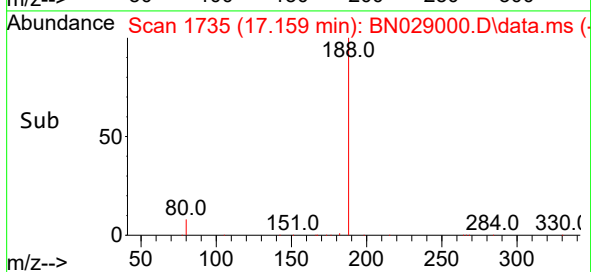
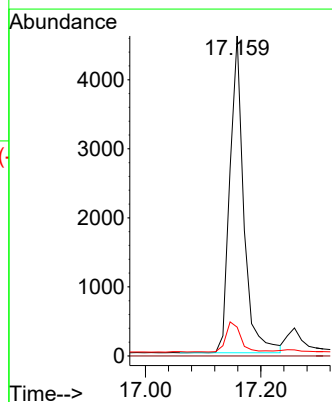
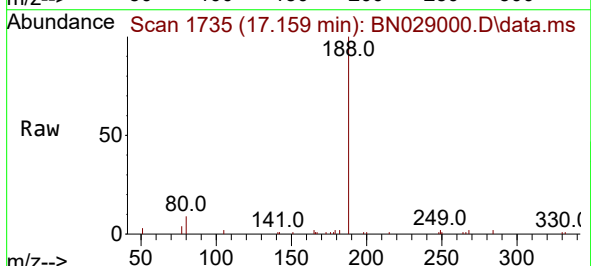
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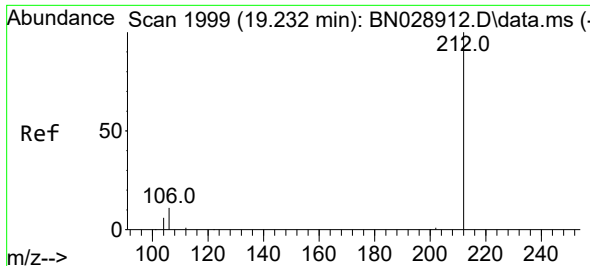
Tgt Ion:172 Resp: 4681
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.4
170 24.4 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.159 min Scan# 1735
Delta R.T. -0.012 min
Lab File: BN029000.D
Acq: 03 Dec 2023 01:23

Tgt Ion:188 Resp: 7691
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.0 9.0 13.6#

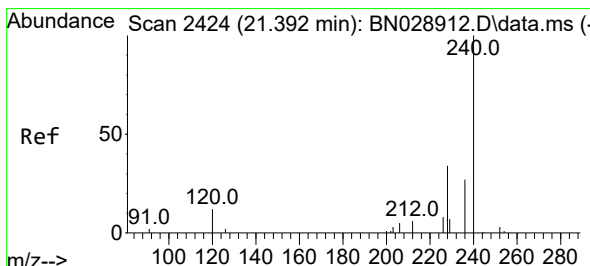
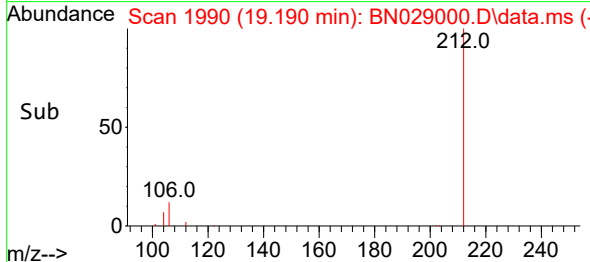
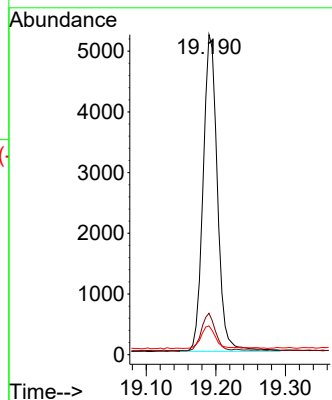
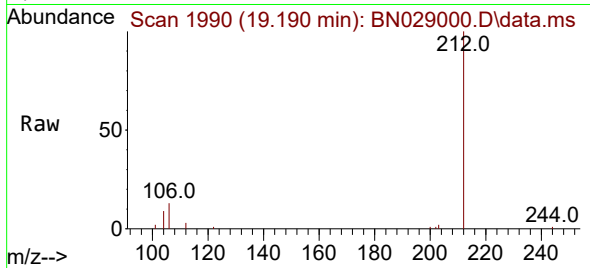




#27
Fluoranthene-d10
Concen: 0.369 ng
RT: 19.190 min Scan# 1999
Delta R.T. -0.019 min
Lab File: BN029000.D
Acq: 03 Dec 2023 01:23

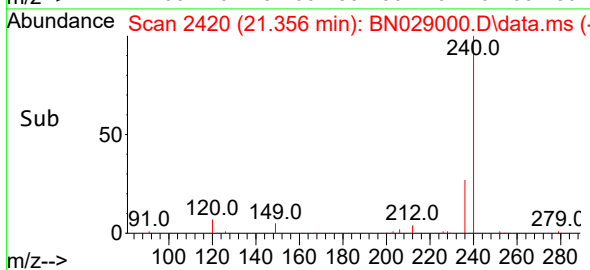
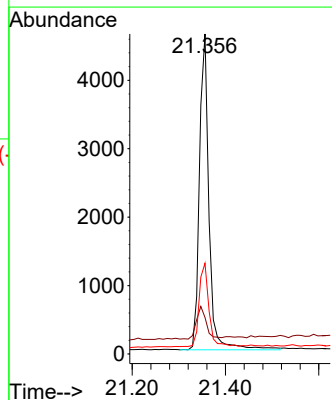
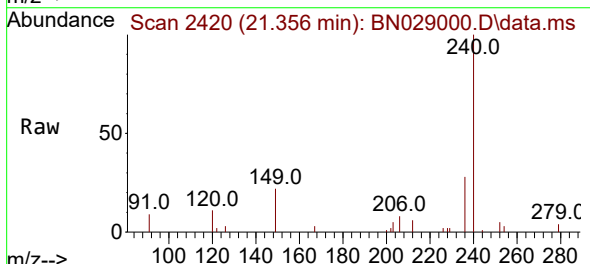
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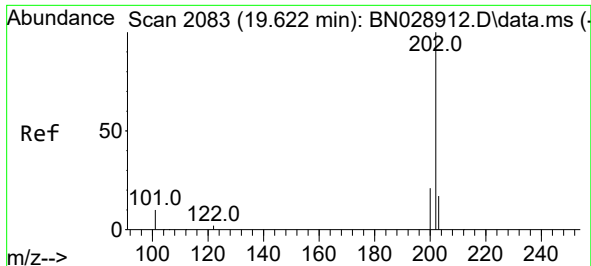
Tgt Ion:212 Resp: 7456
Ion Ratio Lower Upper
212 100
106 11.5 9.4 14.2
104 7.2 6.2 9.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.356 min Scan# 2420
Delta R.T. -0.018 min
Lab File: BN029000.D
Acq: 03 Dec 2023 01:23

Tgt Ion:240 Resp: 6563
Ion Ratio Lower Upper
240 100
120 11.4 37.1 55.7#
236 28.4 32.4 48.6#

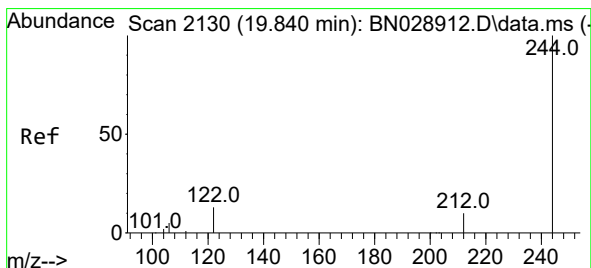
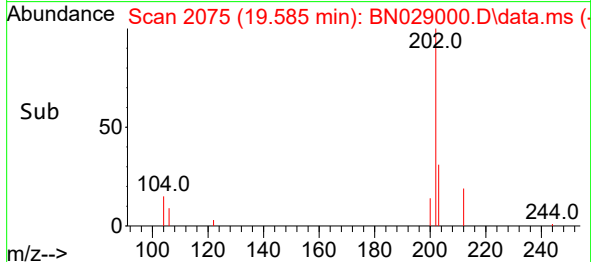
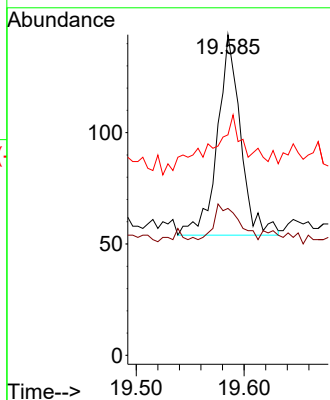
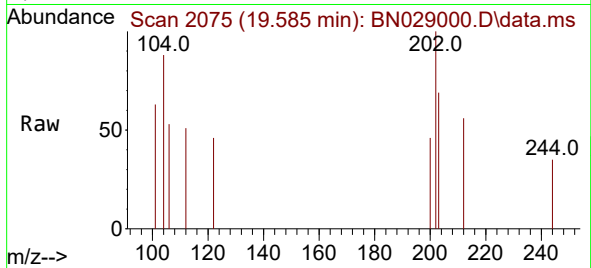




#30
 Pyrene
 Concen: 0.097 ng
 RT: 19.585 min Scan# 2083
 Delta R.T. -0.019 min
 Lab File: BN029000.D
 Acq: 03 Dec 2023 01:23

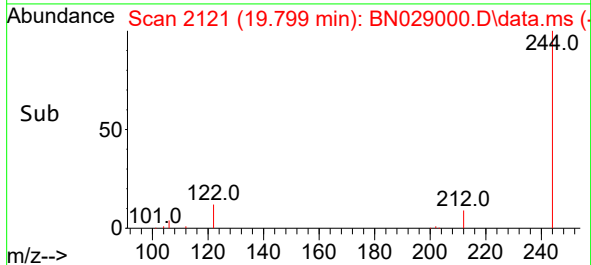
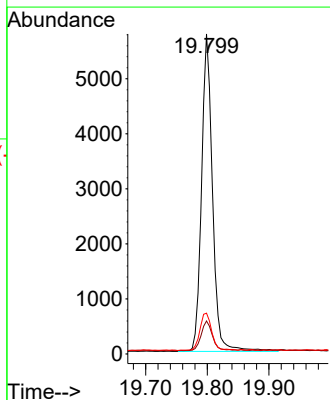
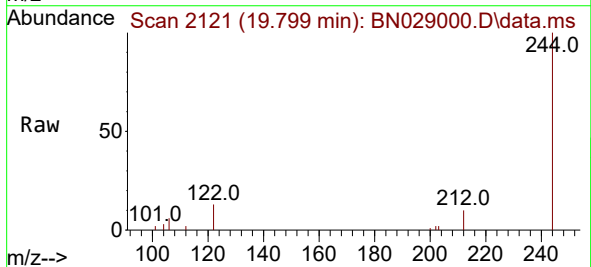
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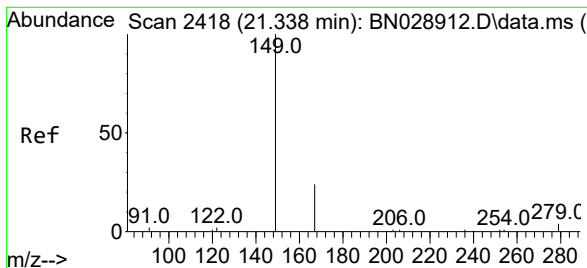
Tgt Ion:202 Resp: 134
 Ion Ratio Lower Upper
 202 100
 200 17.9 16.9 25.3
 203 41.8 14.8 22.2#



#31
 Terphenyl-d14
 Concen: 0.387 ng
 RT: 19.799 min Scan# 2121
 Delta R.T. -0.019 min
 Lab File: BN029000.D
 Acq: 03 Dec 2023 01:23

Tgt Ion:244 Resp: 7112
 Ion Ratio Lower Upper
 244 100
 212 10.3 11.5 17.3#
 122 12.8 13.2 19.8#

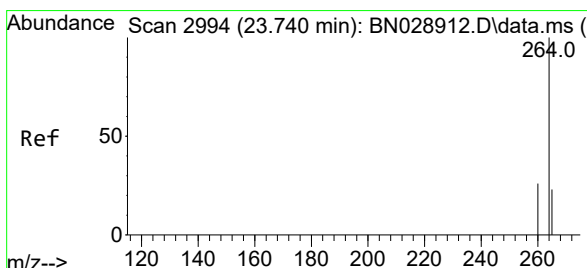
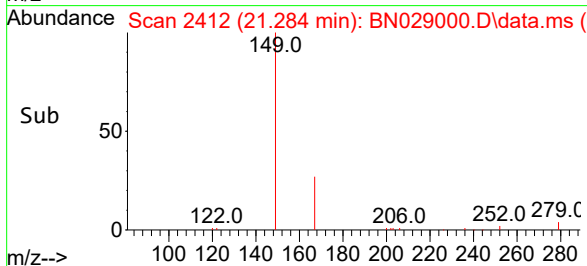
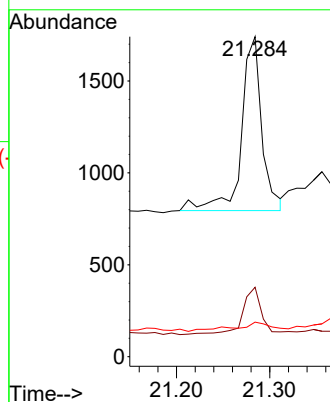
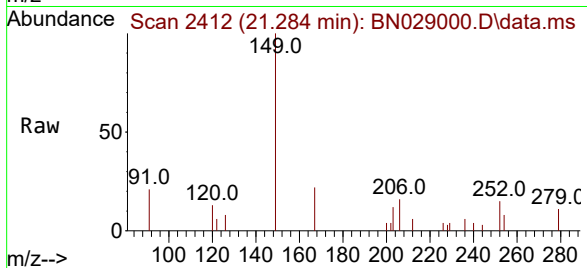




#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 21.284 min Scan# 2418
Delta R.T. -0.018 min
Lab File: BN029000.D
Acq: 03 Dec 2023 01:23

Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20231109

Tgt Ion:149 Resp: 1447
Ion Ratio Lower Upper
149 100
167 25.2 14.9 22.3#
279 3.9 6.3 9.5#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.676 min Scan# 2972
Delta R.T. -0.032 min
Lab File: BN029000.D
Acq: 03 Dec 2023 01:23

Tgt Ion:264 Resp: 6156
Ion Ratio Lower Upper
264 100
260 26.3 20.6 30.8
265 77.8 464.5 696.7#

