

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
 Data File : BN028978.D
 Acq On : 02 Dec 2023 11:02
 Operator : MA/JU
 Sample : 05403-08
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01S-20231111

Quant Time: Dec 03 08:12:57 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)

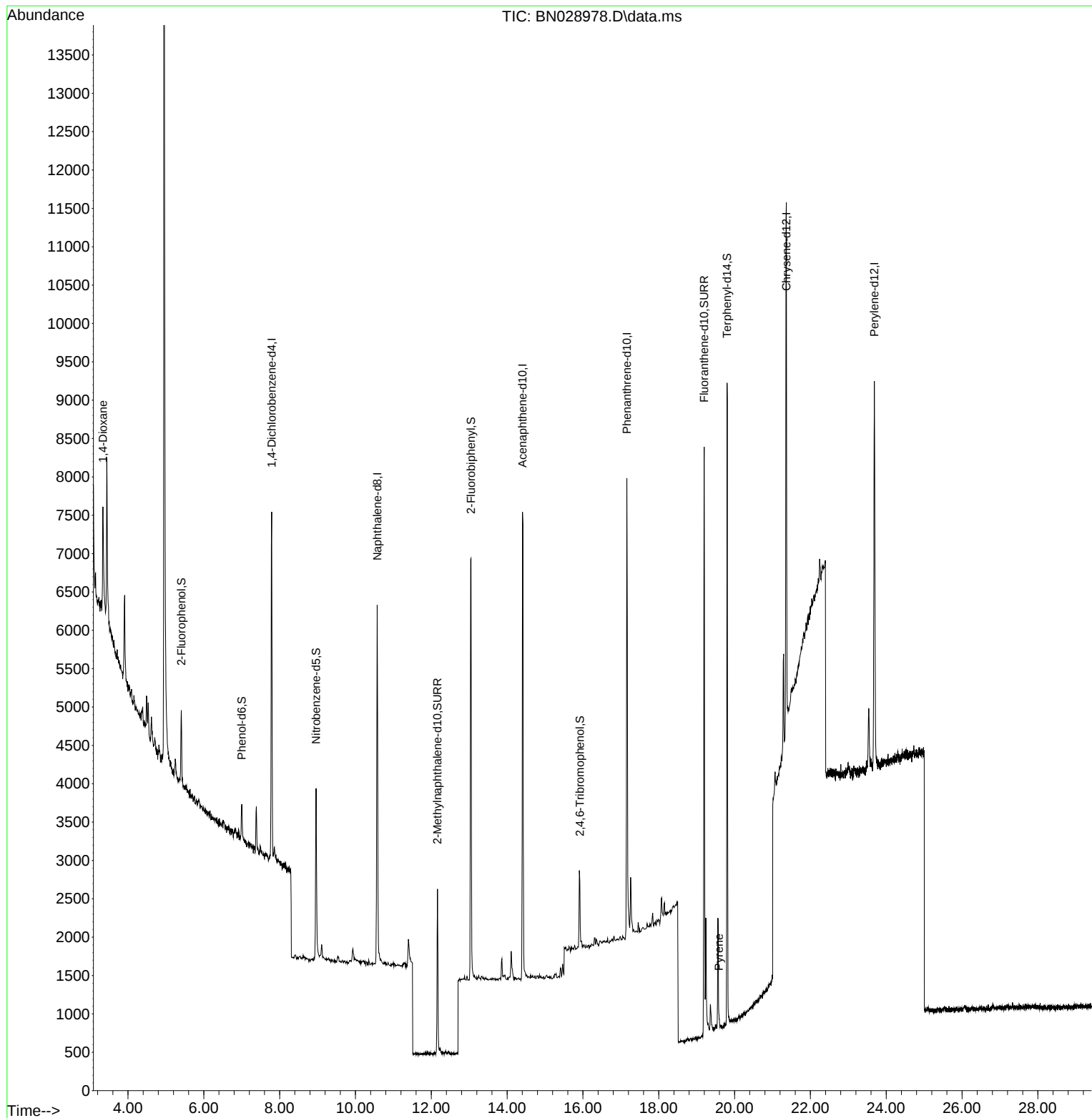
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	2223	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	6325	0.400	ng	-0.01
13) Acenaphthene-d10	14.407	164	3912	0.400	ng	-0.01
19) Phenanthrene-d10	17.159	188	8693	0.400	ng	-0.01
29) Chrysene-d12	21.365	240	7173	0.400	ng	# 0.00
35) Perylene-d12	23.687	264	6766	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	695	0.103	ng	0.00
5) Phenol-d6	7.002	99	448	0.060	ng	0.00
8) Nitrobenzene-d5	8.961	82	1974	0.314	ng	-0.01
11) 2-Methylnaphthalene-d10	12.163	152	2967	0.292	ng	0.00
14) 2,4,6-Tribromophenol	15.918	330	705	0.267	ng	0.00
15) 2-Fluorobiphenyl	13.049	172	5329	0.315	ng	0.00
27) Fluoranthene-d10	19.199	212	8723	0.381	ng	0.00
31) Terphenyl-d14	19.803	244	8395	0.407	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.341	88	1073	0.493	ng	# 84
30) Pyrene	19.590	202	150	0.097	ng	# 92

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

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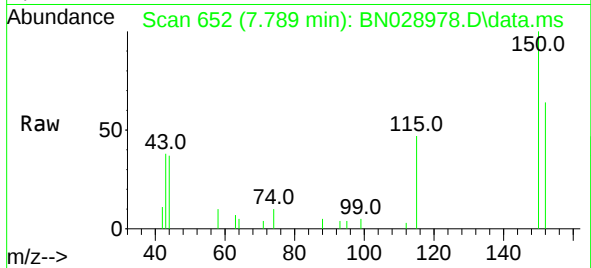
Quant Time: Dec 03 08:12:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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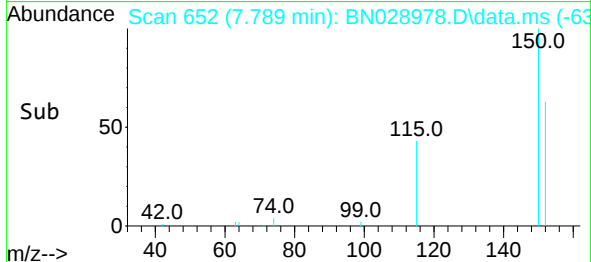
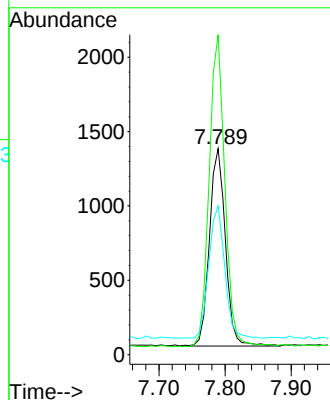
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.789 min Scan# 61
 Delta R.T. -0.008 min
 Lab File: BN028978.D
 Acq: 02 Dec 2023 11:02

Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01S-20231111



Tgt Ion: 152 Resp: 2223

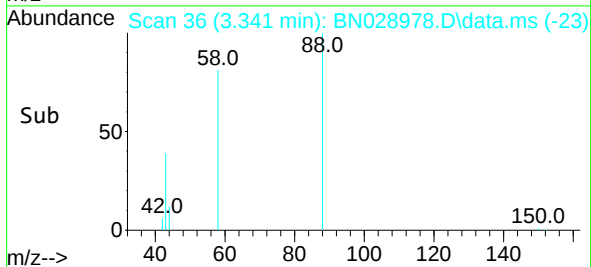
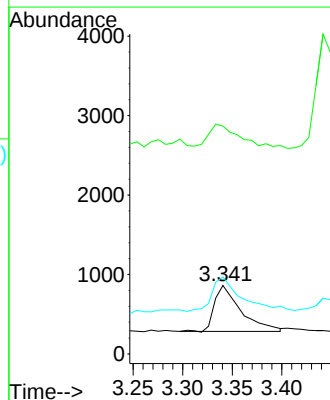
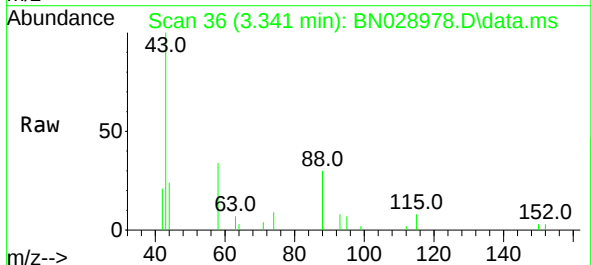
Ion	Ratio	Lower	Upper
152	100		
150	155.3	123.4	185.2
115	72.2	59.1	88.7



#2
 1,4-Dioxane
 Concen: 0.493 ng
 RT: 3.341 min Scan# 36
 Delta R.T. -0.007 min
 Lab File: BN028978.D
 Acq: 02 Dec 2023 11:02

Tgt Ion: 88 Resp: 1073

Ion	Ratio	Lower	Upper
88	100		
43	51.0	29.9	44.9
58	79.1	55.0	82.4





#4

2-Fluorophenol

Concen: 0.103 ng

RT: 5.406 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN028978.D

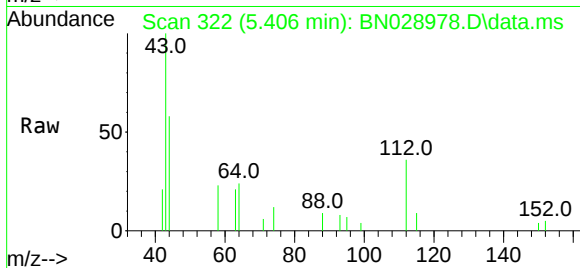
Acq: 02 Dec 2023 11:02

Instrument :

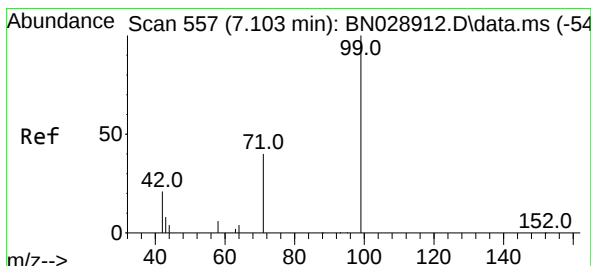
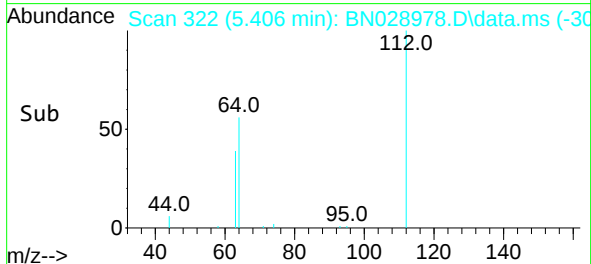
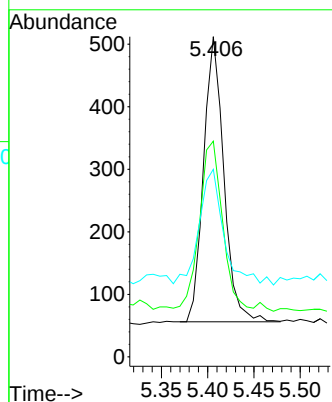
BNA_N

ClientSampleId :

RW8-MW01S-20231111



Tgt Ion:	112	Resp:	695
Ion Ratio	100	Lower	Upper
64	65.0	51.5	77.3
63	49.2	30.4	45.6



#5

Phenol-d6

Concen: 0.060 ng

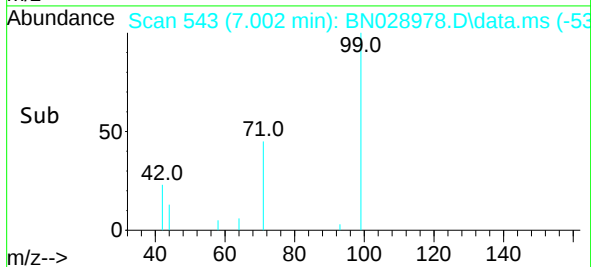
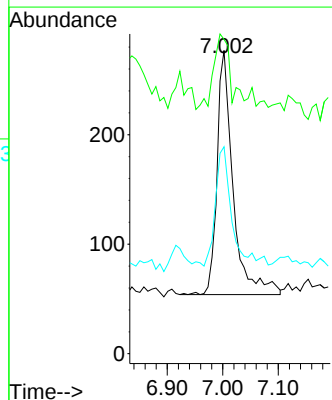
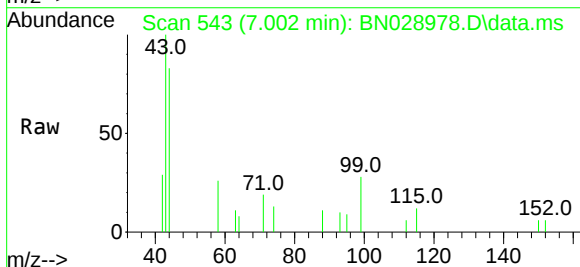
RT: 7.002 min Scan# 543

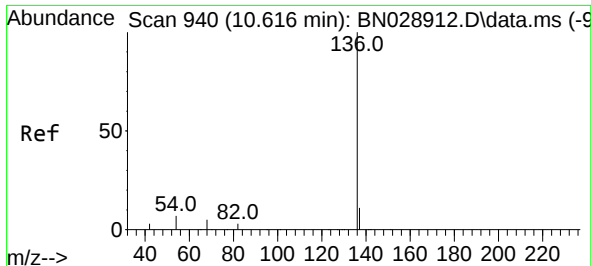
Delta R.T. -0.007 min

Lab File: BN028978.D

Acq: 02 Dec 2023 11:02

Tgt Ion:	99	Resp:	448
Ion Ratio	100	Lower	Upper
42	29.0	21.2	31.8
71	47.8	35.4	53.0

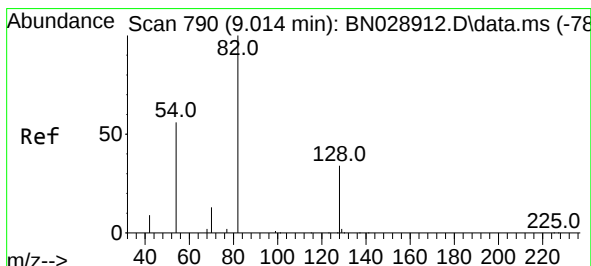
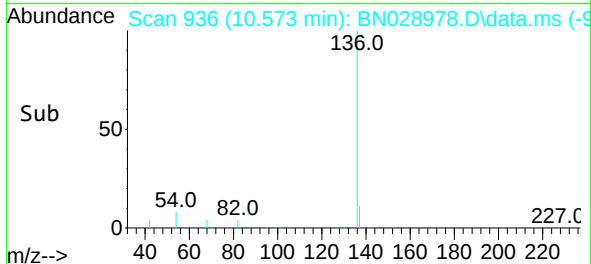
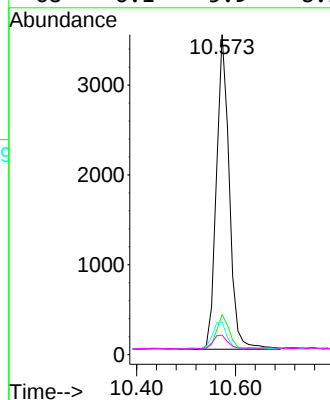
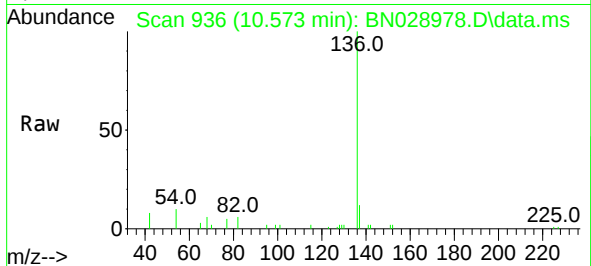




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN028978.D
Acq: 02 Dec 2023 11:02

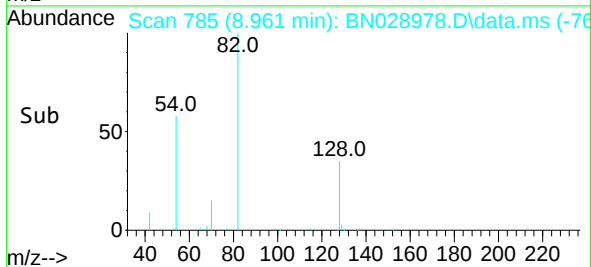
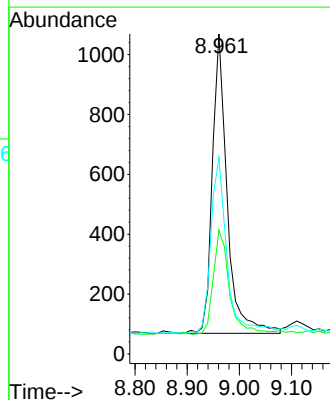
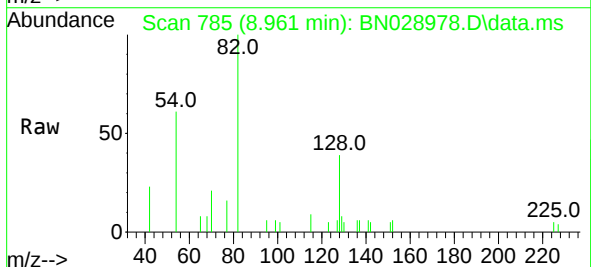
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20231111

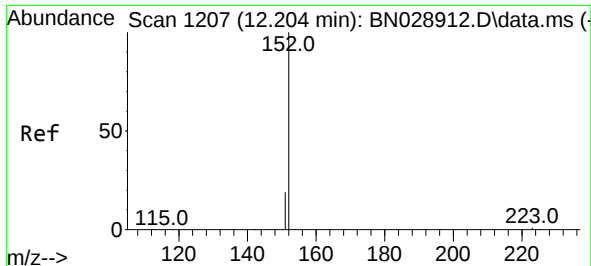
Tgt Ion:	136	Resp:	6325
Ion	Ratio	Lower	Upper
136	100		
137	12.5	10.6	16.0
54	10.2	7.5	11.3
68	6.1	5.9	8.9



#8
Nitrobenzene-d5
Concen: 0.314 ng
RT: 8.961 min Scan# 785
Delta R.T. -0.011 min
Lab File: BN028978.D
Acq: 02 Dec 2023 11:02

Tgt Ion:	82	Resp:	1974
Ion	Ratio	Lower	Upper
82	100		
128	38.7	29.2	43.8
54	61.4	47.0	70.6





#11

2-Methylnaphthalene-d10

Concen: 0.292 ng

RT: 12.163 min Scan# 1196

Delta R.T. -0.008 min

Lab File: BN028978.D

Acq: 02 Dec 2023 11:02

Instrument :

BNA_N

ClientSampleId :

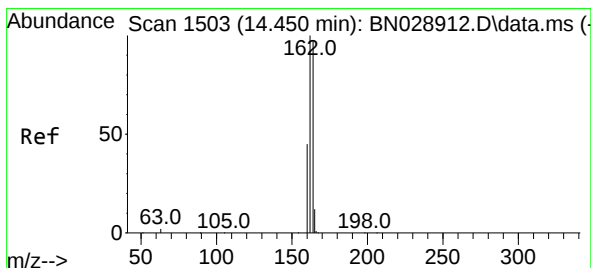
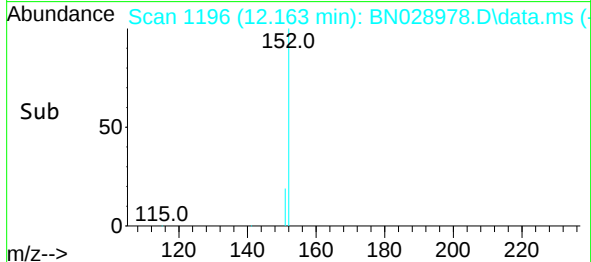
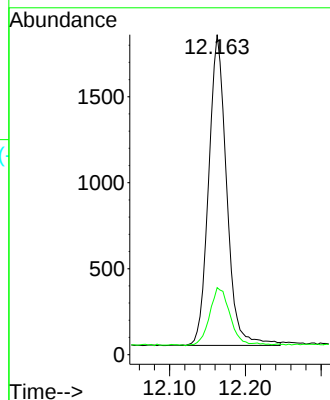
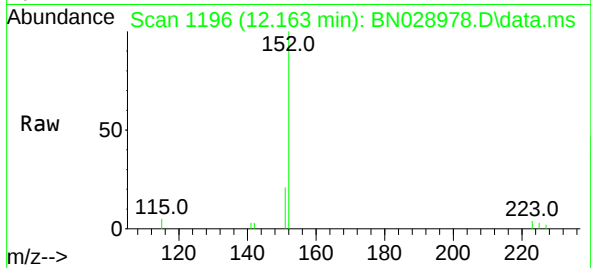
RW8-MW01S-20231111

Tgt Ion:152 Resp: 2967

Ion Ratio Lower Upper

152 100

151 21.1 16.7 25.1



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.407 min Scan# 1499

Delta R.T. -0.011 min

Lab File: BN028978.D

Acq: 02 Dec 2023 11:02

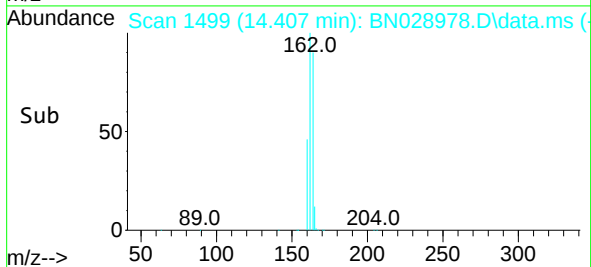
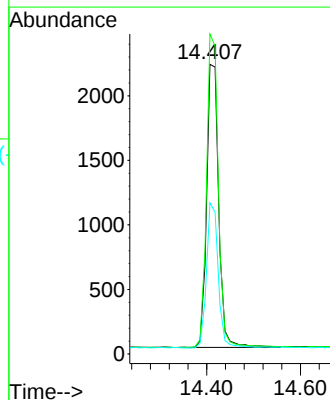
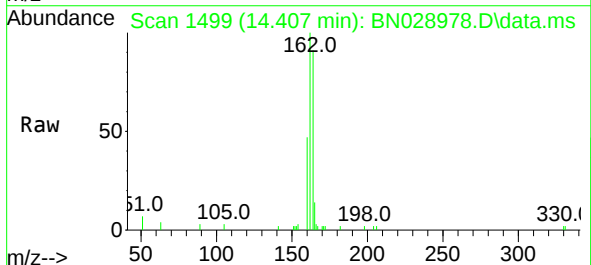
Tgt Ion:164 Resp: 3912

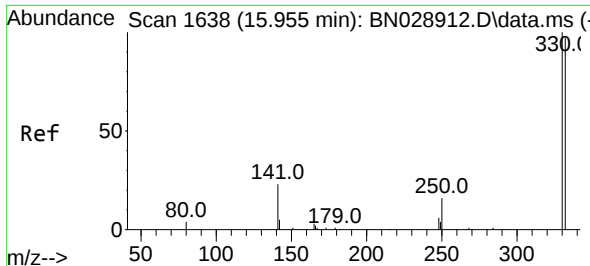
Ion Ratio Lower Upper

164 100

162 110.5 81.7 122.5

160 52.2 37.0 55.6

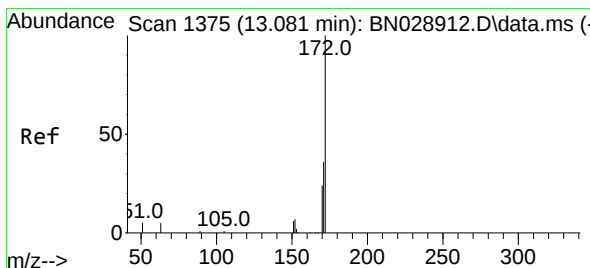
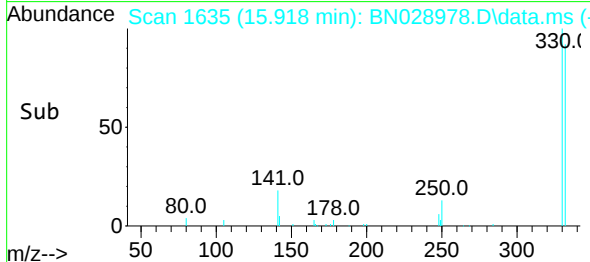
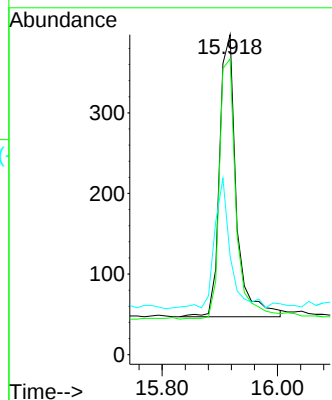
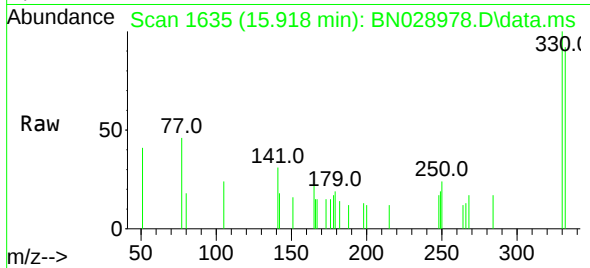




#14
2,4,6-Tribromophenol
Concen: 0.267 ng
RT: 15.918 min Scan# 1635
Delta R.T. -0.000 min
Lab File: BN028978.D
Acq: 02 Dec 2023 11:02

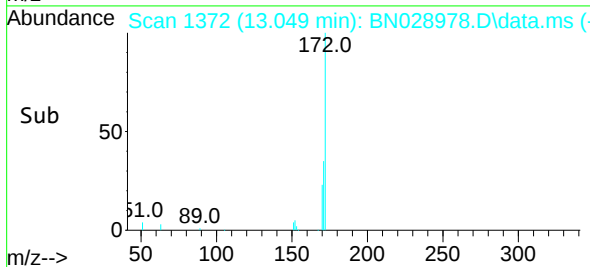
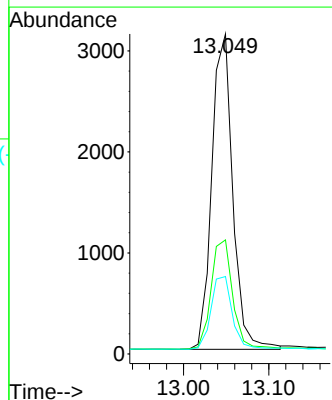
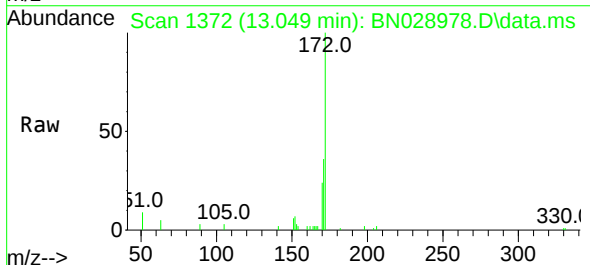
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20231111

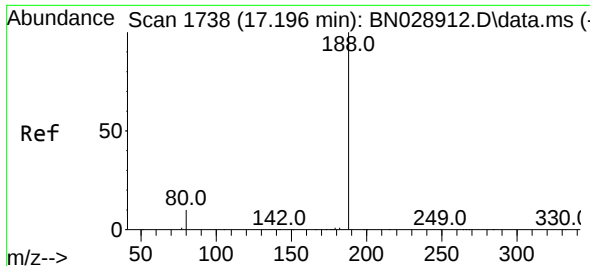
Tgt Ion:330 Resp: 705
Ion Ratio Lower Upper
330 100
332 91.8 75.4 113.2
141 42.6 35.7 53.5



#15
2-Fluorobiphenyl
Concen: 0.315 ng
RT: 13.049 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BN028978.D
Acq: 02 Dec 2023 11:02

Tgt Ion:172 Resp: 5329
Ion Ratio Lower Upper
172 100
171 35.6 29.0 43.4
170 24.2 19.7 29.5

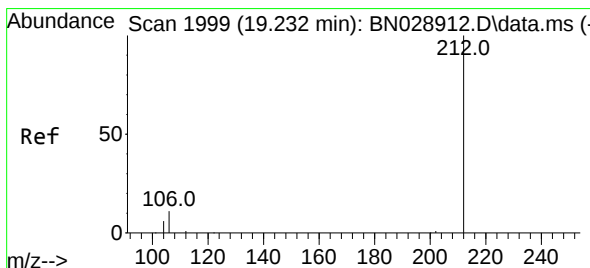
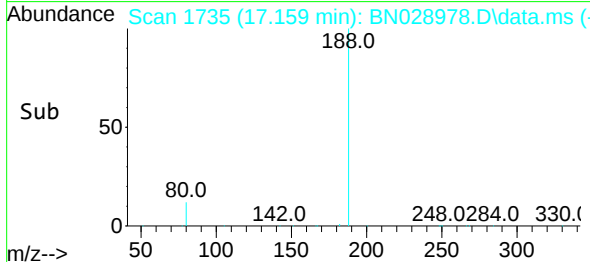
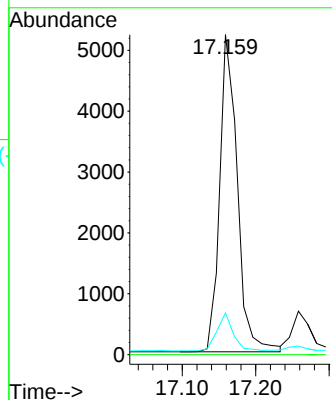
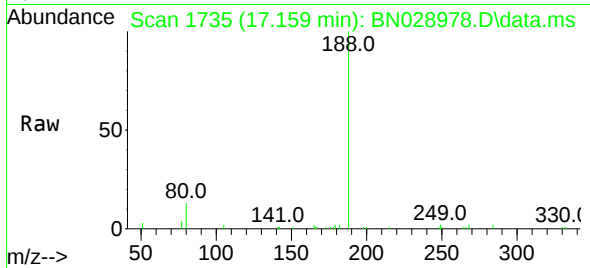




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.159 min Scan# 1735
Delta R.T. -0.013 min
Lab File: BN028978.D
Acq: 02 Dec 2023 11:02

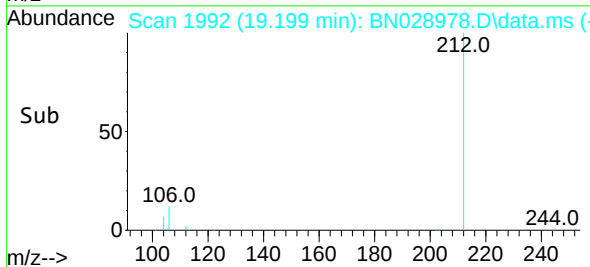
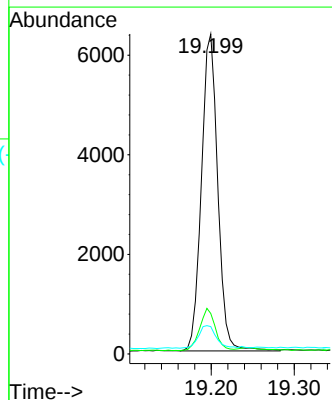
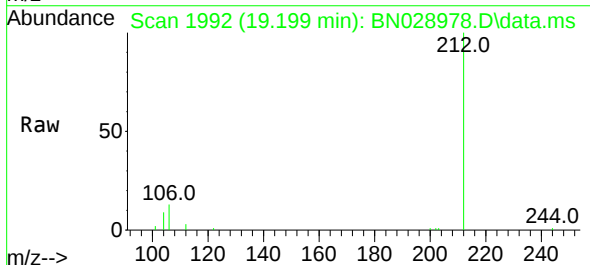
Instrument :
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RW8-MW01S-20231111

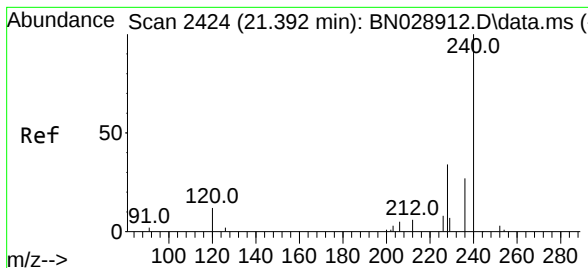
Tgt Ion:188 Resp: 8693
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.0 9.0 13.6



#27
Fluoranthene-d10
Concen: 0.381 ng
RT: 19.199 min Scan# 1992
Delta R.T. -0.009 min
Lab File: BN028978.D
Acq: 02 Dec 2023 11:02

Tgt Ion:212 Resp: 8723
Ion Ratio Lower Upper
212 100
106 12.7 9.4 14.2
104 7.8 6.2 9.2





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.365 min Scan# 2421

Delta R.T. -0.009 min

Lab File: BN028978.D

Acq: 02 Dec 2023 11:02

Instrument :

BNA_N

ClientSampleId :

RW8-MW01S-20231111

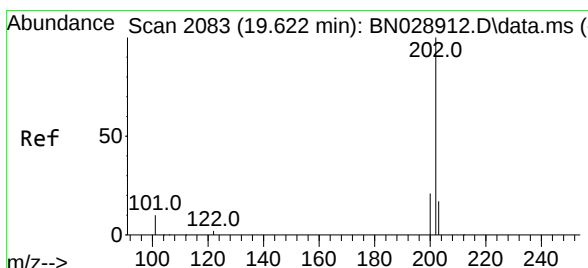
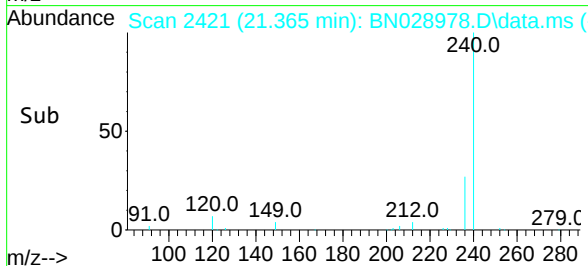
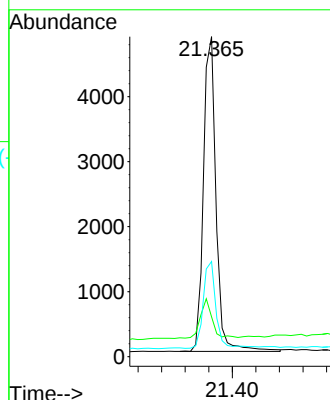
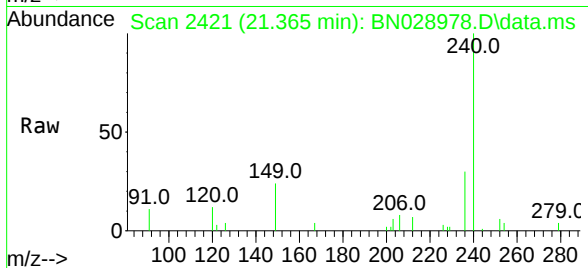
Tgt Ion:240 Resp: 7173

Ion Ratio Lower Upper

240 100

120 12.5 37.1 55.7#

236 29.8 32.4 48.6#



#30

Pyrene

Concen: 0.097 ng

RT: 19.590 min Scan# 2076

Delta R.T. -0.014 min

Lab File: BN028978.D

Acq: 02 Dec 2023 11:02

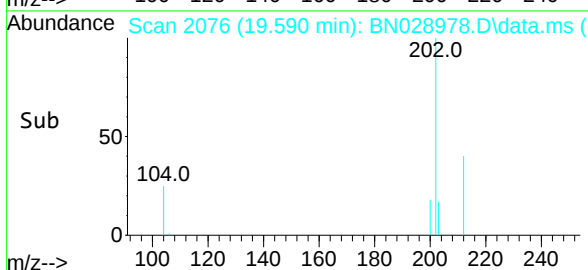
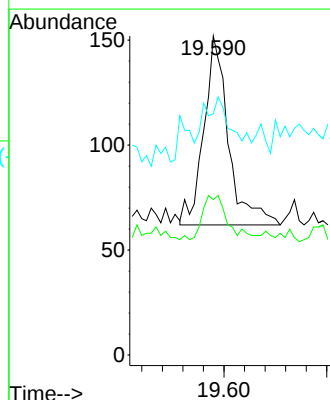
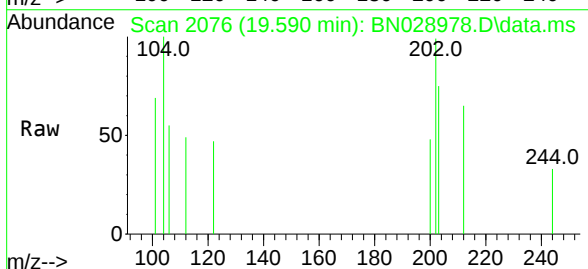
Tgt Ion:202 Resp: 150

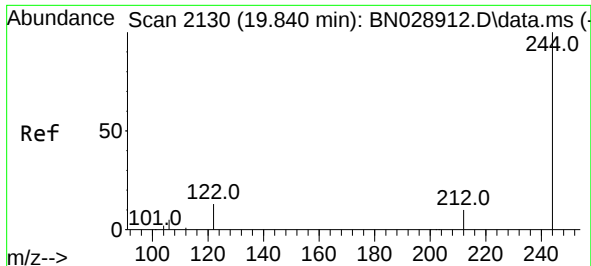
Ion Ratio Lower Upper

202 100

200 24.0 16.9 25.3

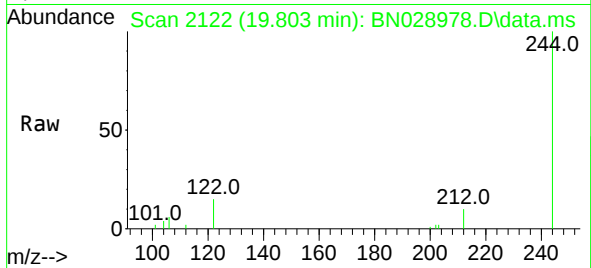
203 23.3 14.8 22.2#



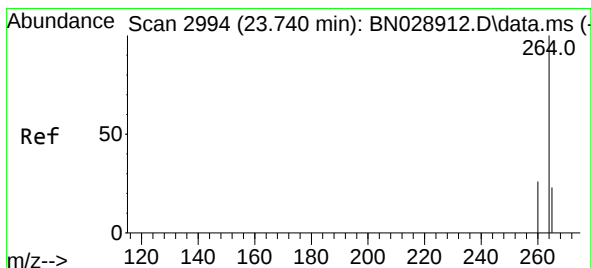
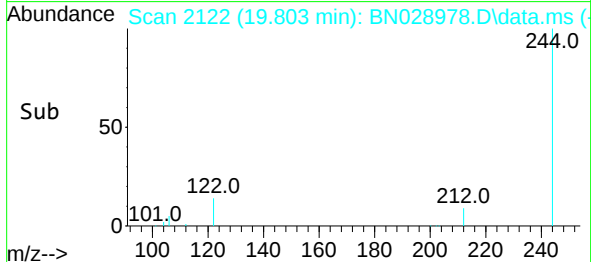
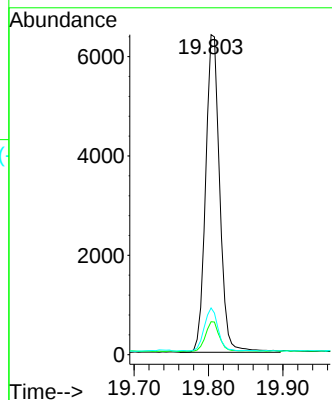


#31
Terphenyl-d14
Concen: 0.407 ng
RT: 19.803 min Scan# 2130
Delta R.T. -0.014 min
Lab File: BN028978.D
Acq: 02 Dec 2023 11:02

Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20231111



Tgt Ion:244 Resp: 8395
Ion Ratio Lower Upper
244 100
212 10.3 11.5 17.3#
122 14.6 13.2 19.8



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.687 min Scan# 2976
Delta R.T. -0.021 min
Lab File: BN028978.D
Acq: 02 Dec 2023 11:02

Tgt Ion:264 Resp: 6766
Ion Ratio Lower Upper
264 100
260 27.6 20.6 30.8
265 81.6 464.5 696.7#

