

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030624\
 Data File : BN030310.D
 Acq On : 07 Mar 2024 03:24
 Operator : MA/JU
 Sample : P1590-13
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW181S-20240223

Quant Time: Mar 07 03:55:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 05 17:44:16 2024
 Response via : Initial Calibration

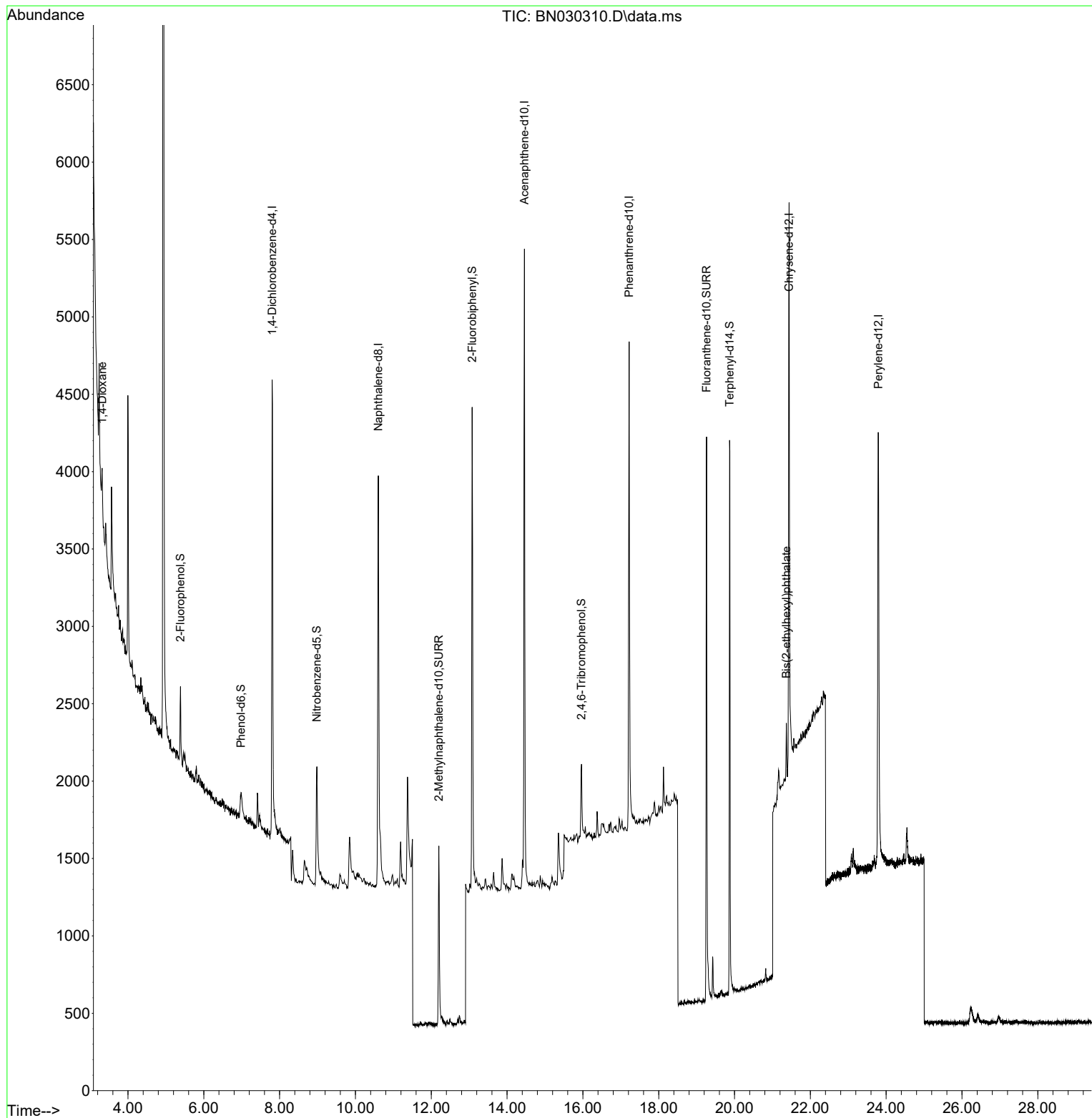
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	1691	0.400	ng	0.00
7) Naphthalene-d8	10.605	136	4444	0.400	ng	# 0.00
13) Acenaphthene-d10	14.458	164	2434	0.400	ng	0.00
19) Phenanthrene-d10	17.218	188	4978	0.400	ng	0.00
29) Chrysene-d12	21.438	240	4256	0.400	ng	# 0.00
35) Perylene-d12	23.794	264	4641	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.385	112	415	0.093	ng	0.00
5) Phenol-d6	6.981	99	213	0.046	ng	0.00
8) Nitrobenzene-d5	8.982	82	998	0.246	ng	0.01
11) 2-Methylnaphthalene-d10	12.201	152	1886	0.292	ng	0.00
14) 2,4,6-Tribromophenol	15.965	330	340	0.272	ng	0.00
15) 2-Fluorobiphenyl	13.079	172	2999	0.297	ng	-0.01
27) Fluoranthene-d10	19.262	212	4749	0.348	ng	0.00
31) Terphenyl-d14	19.875	244	3965	0.359	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.319	88	254	0.116	ng	# 68
34) Bis(2-ethylhexyl)phtha...	21.367	149	382	0.032	ng	# 94

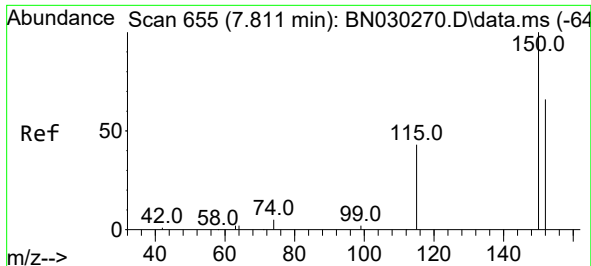
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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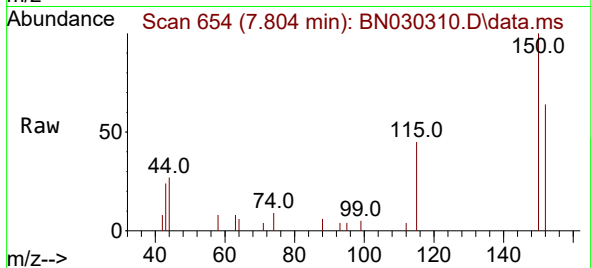
Quant Time: Mar 07 03:55:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030524.M
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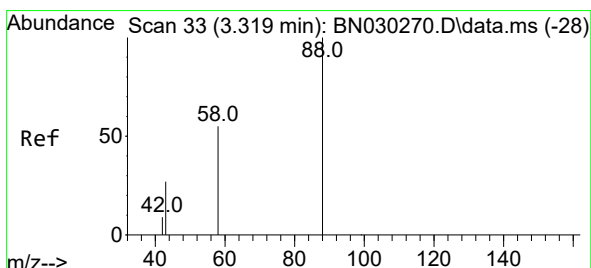
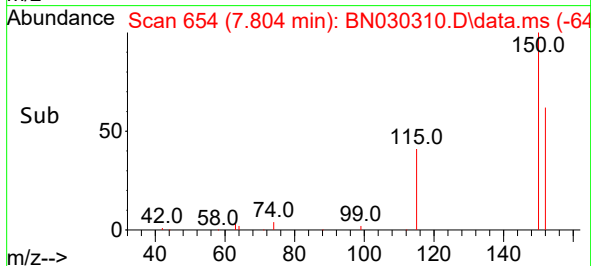
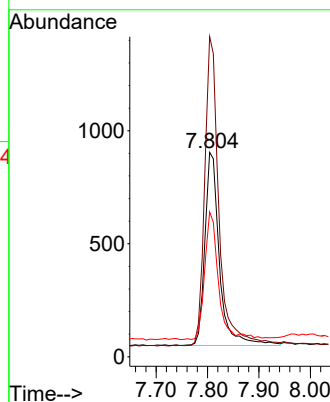


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.804 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN030310.D
 Acq: 07 Mar 2024 03:24

Instrument :
 BNA_N
 ClientSampleId :
 MW181S-20240223

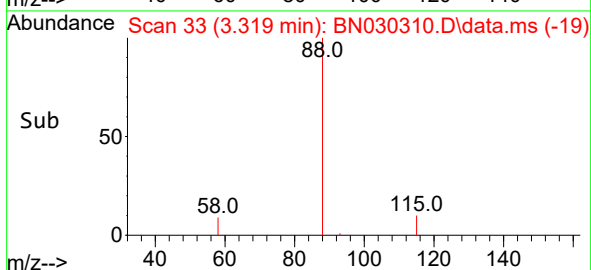
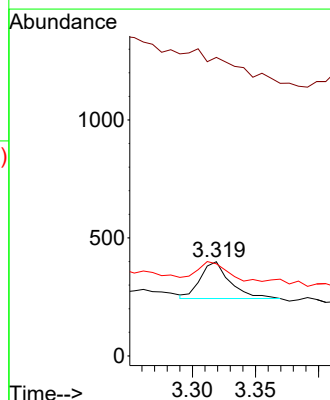
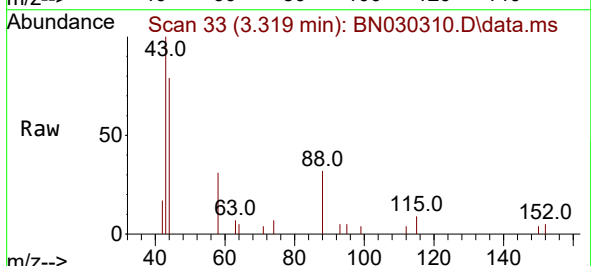


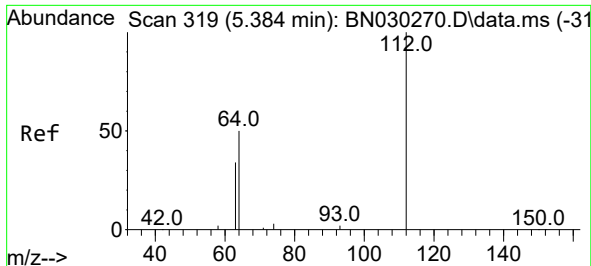
Tgt Ion:152 Resp: 1691
 Ion Ratio Lower Upper
 152 100
 150 156.6 119.4 179.0
 115 70.9 56.9 85.3



#2
 1,4-Dioxane
 Concen: 0.116 ng
 RT: 3.319 min Scan# 33
 Delta R.T. 0.000 min
 Lab File: BN030310.D
 Acq: 07 Mar 2024 03:24

Tgt Ion: 88 Resp: 254
 Ion Ratio Lower Upper
 88 100
 43 0.0 23.8 35.8#
 58 42.9 46.2 69.4#





#4

2-Fluorophenol

Concen: 0.093 ng

RT: 5.385 min Scan# 319

Delta R.T. 0.000 min

Lab File: BN030310.D

Acq: 07 Mar 2024 03:24

Instrument :

BNA_N

ClientSampleId :

MW181S-20240223

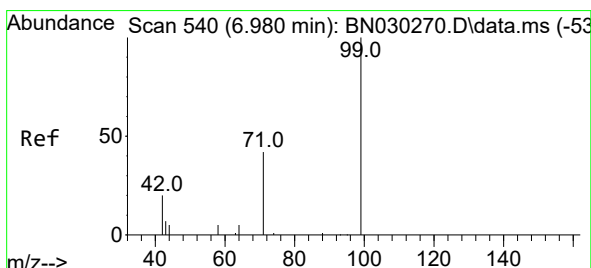
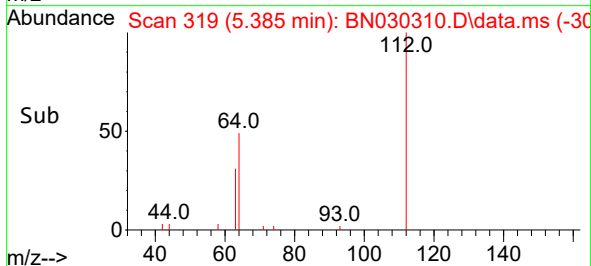
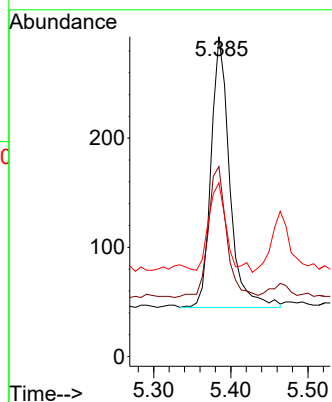
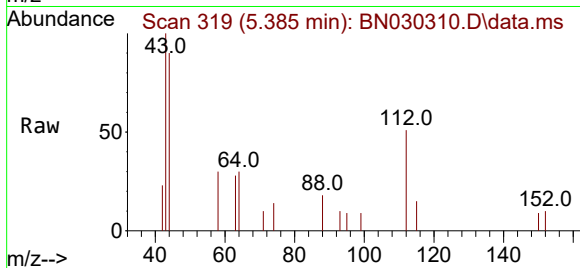
Tgt Ion:112 Resp: 415

Ion Ratio Lower Upper

112 100

64 48.0 41.8 62.8

63 31.6 27.1 40.7



#5

Phenol-d6

Concen: 0.046 ng

RT: 6.981 min Scan# 540

Delta R.T. 0.000 min

Lab File: BN030310.D

Acq: 07 Mar 2024 03:24

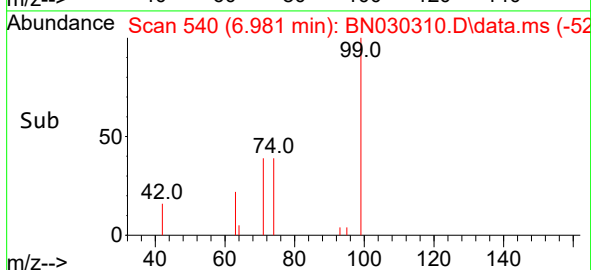
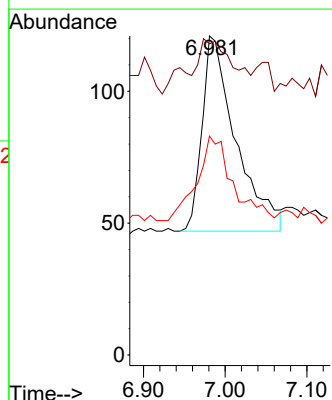
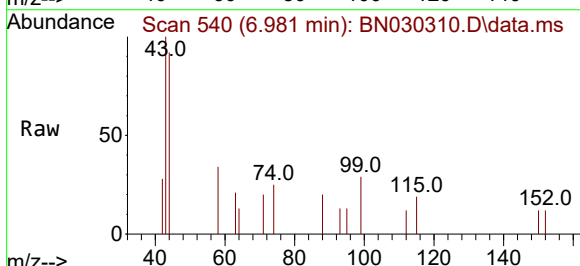
Tgt Ion: 99 Resp: 213

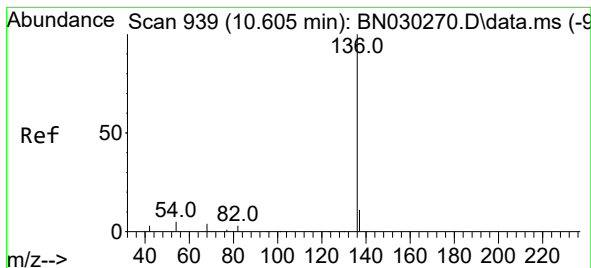
Ion Ratio Lower Upper

99 100

42 25.8 19.0 28.6

71 45.5 36.0 54.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.605 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN030310.D

Acq: 07 Mar 2024 03:24

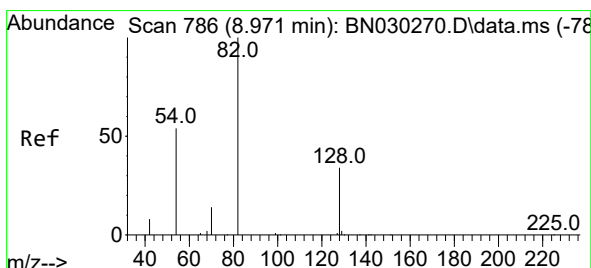
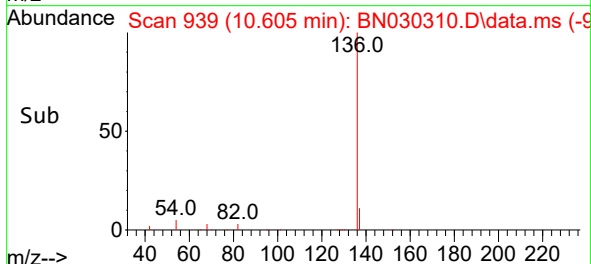
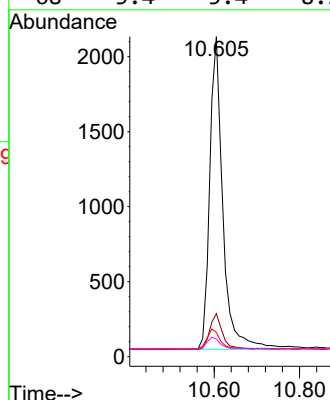
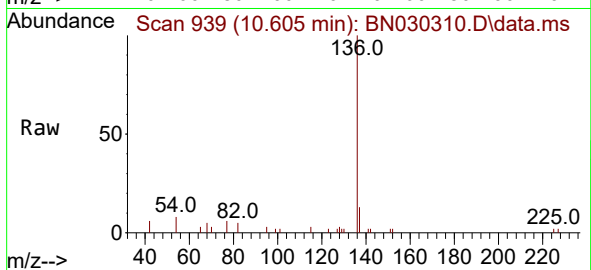
Instrument :

BNA_N

ClientSampleId :

MW181S-20240223

Tgt Ion:	136	Resp:	4444
Ion	Ratio	Lower	Upper
136	100		
137	13.5	10.5	15.7
54	7.6	6.4	9.6
68	5.4	5.4	8.2



#8

Nitrobenzene-d5

Concen: 0.246 ng

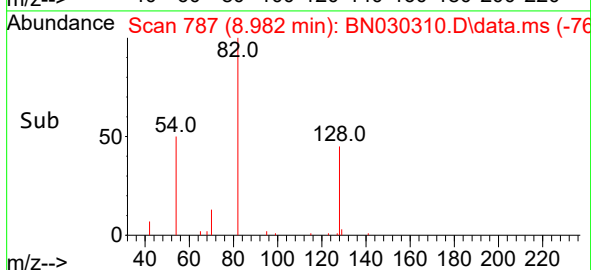
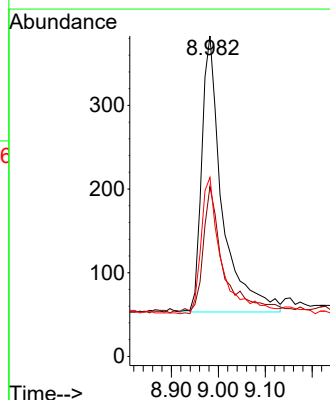
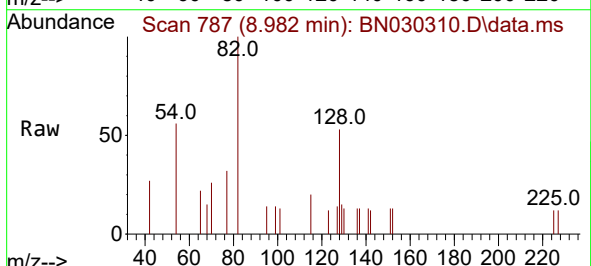
RT: 8.982 min Scan# 787

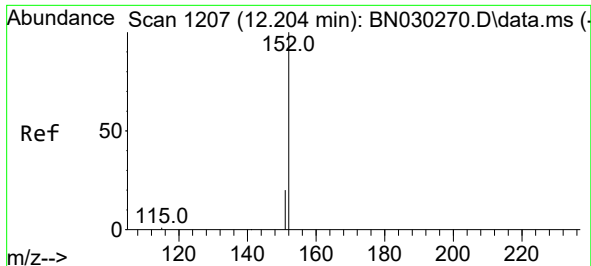
Delta R.T. 0.011 min

Lab File: BN030310.D

Acq: 07 Mar 2024 03:24

Tgt Ion:	82	Resp:	998
Ion	Ratio	Lower	Upper
82	100		
128	53.0	32.2	48.2
54	55.9	47.3	70.9

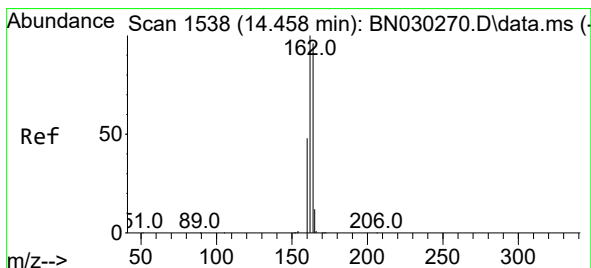
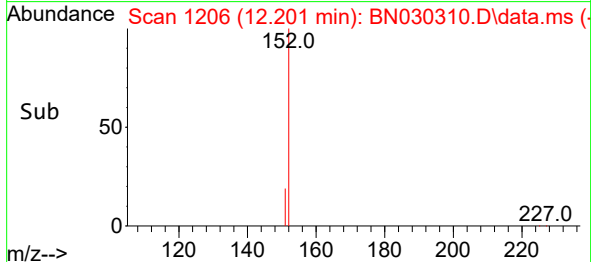
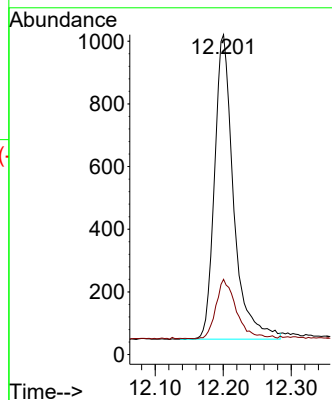
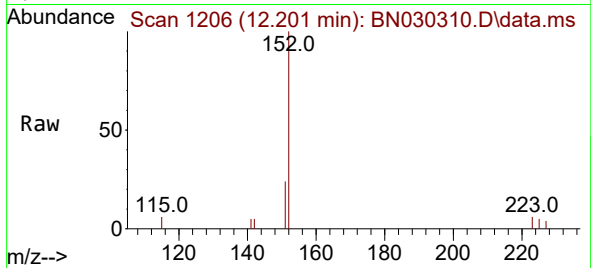




#11
2-Methylnaphthalene-d10
Concen: 0.292 ng
RT: 12.201 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN030310.D
Acq: 07 Mar 2024 03:24

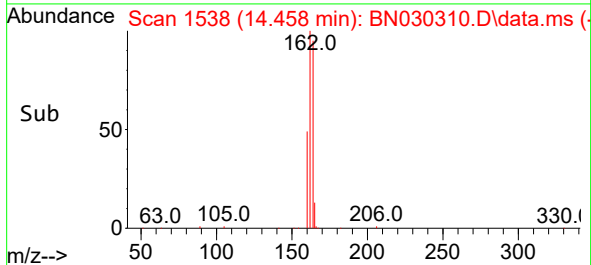
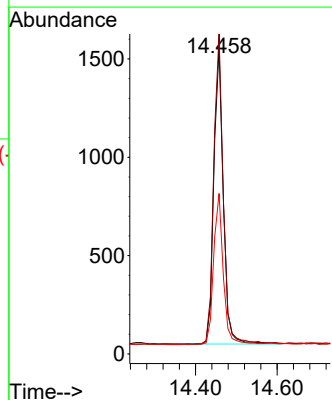
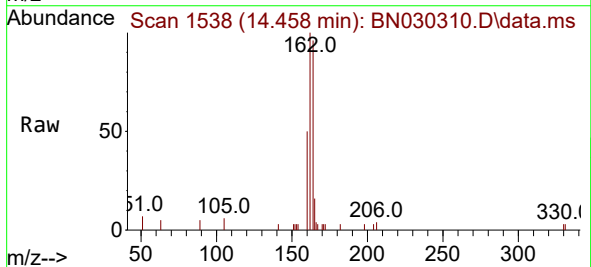
Instrument :
BNA_N
ClientSampleId :
MW181S-20240223

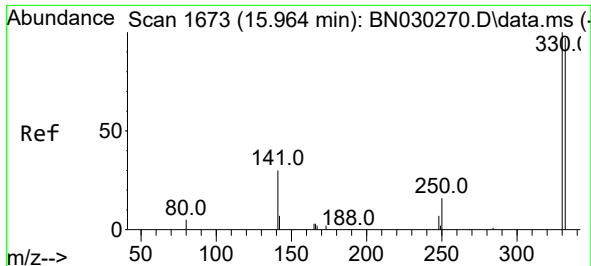
Tgt Ion:152 Resp: 1886
Ion Ratio Lower Upper
152 100
151 20.9 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.458 min Scan# 1538
Delta R.T. 0.000 min
Lab File: BN030310.D
Acq: 07 Mar 2024 03:24

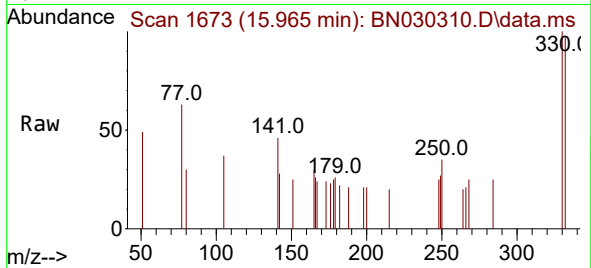
Tgt Ion:164 Resp: 2434
Ion Ratio Lower Upper
164 100
162 104.7 83.4 125.2
160 52.5 41.7 62.5



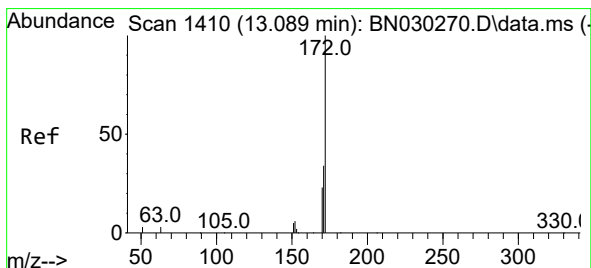
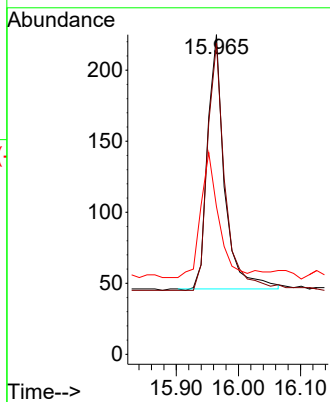
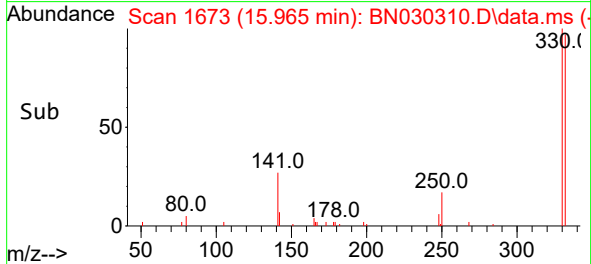


#14
2,4,6-Tribromophenol
Concen: 0.272 ng
RT: 15.965 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN030310.D
Acq: 07 Mar 2024 03:24

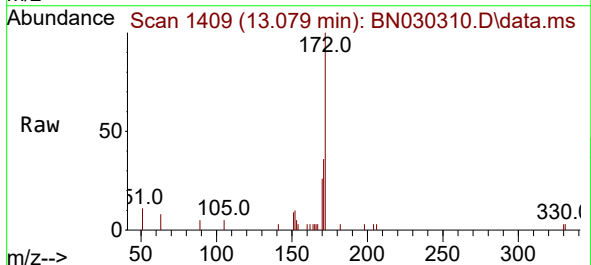
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BNA_N
ClientSampleId :
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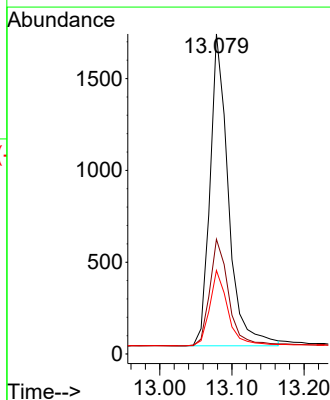
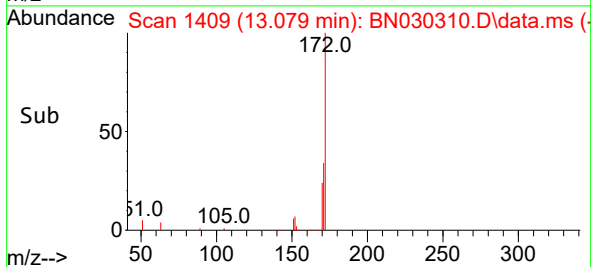
Tgt Ion:330 Resp: 340
Ion Ratio Lower Upper
330 100
332 99.7 72.6 108.8
141 51.8 41.3 61.9

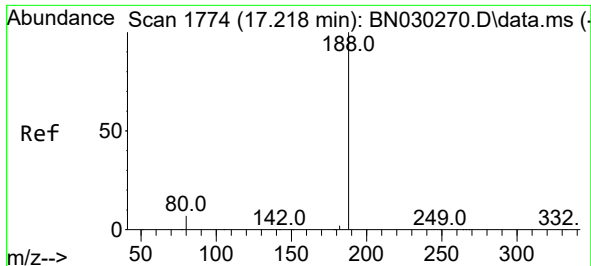


#15
2-Fluorobiphenyl
Concen: 0.297 ng
RT: 13.079 min Scan# 1409
Delta R.T. -0.011 min
Lab File: BN030310.D
Acq: 07 Mar 2024 03:24



Tgt Ion:172 Resp: 2999
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.4
170 26.1 20.2 30.2

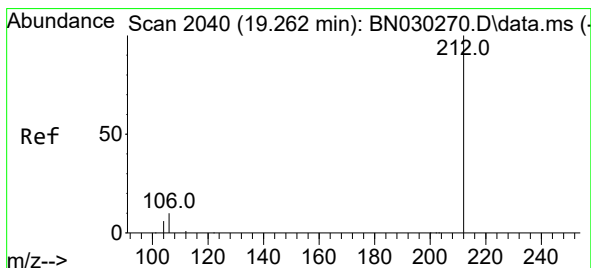
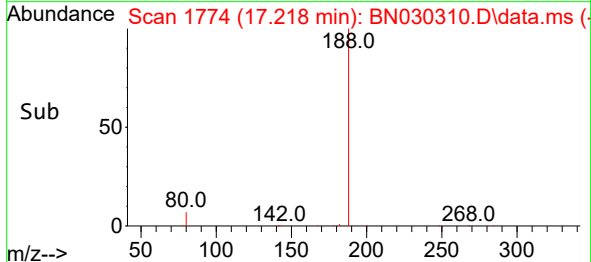
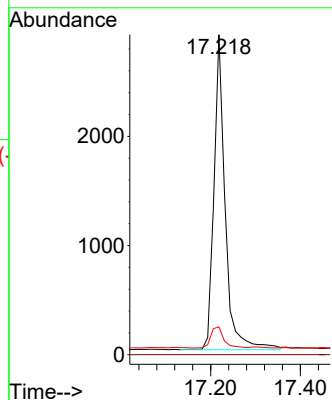
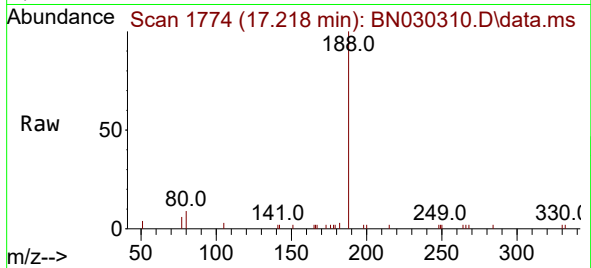




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.218 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN030310.D
Acq: 07 Mar 2024 03:24

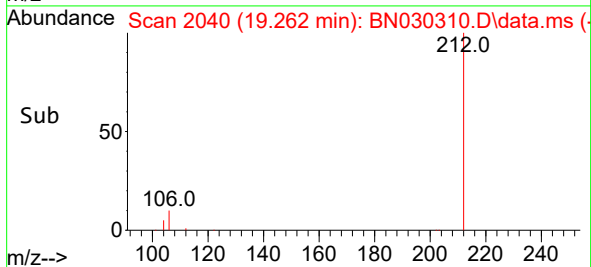
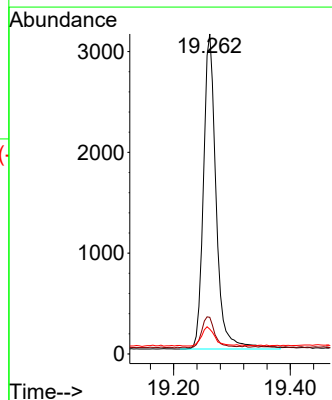
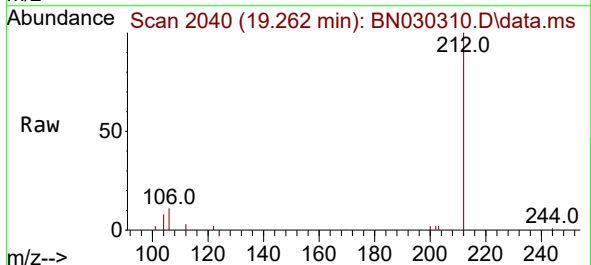
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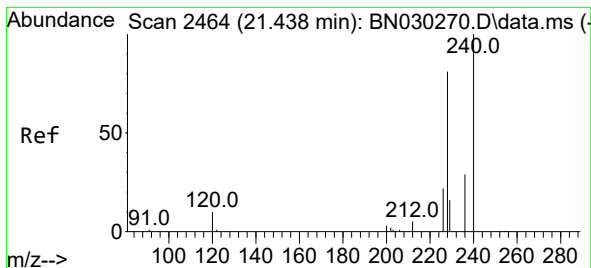
Tgt Ion:188 Resp: 4978
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.7 7.8 11.6



#27
Fluoranthene-d10
Concen: 0.348 ng
RT: 19.262 min Scan# 2040
Delta R.T. 0.000 min
Lab File: BN030310.D
Acq: 07 Mar 2024 03:24

Tgt Ion:212 Resp: 4749
Ion Ratio Lower Upper
212 100
106 10.2 8.2 12.4
104 6.3 4.7 7.1





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.438 min Scan# 2464

Delta R.T. 0.000 min

Lab File: BN030310.D

Acq: 07 Mar 2024 03:24

Instrument :

BNA_N

ClientSampleId :

MW181S-20240223

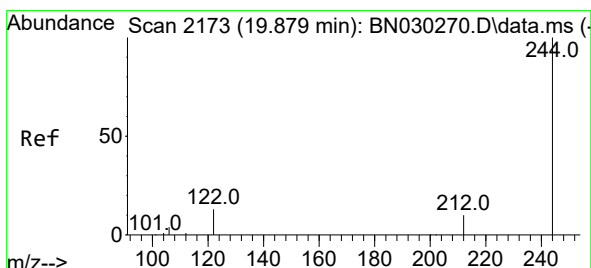
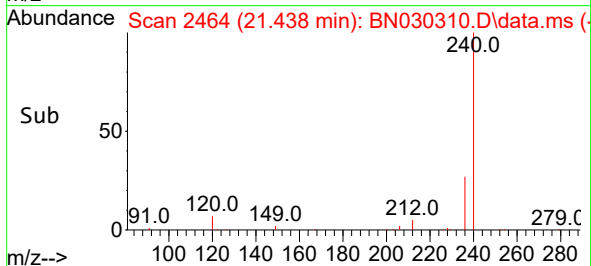
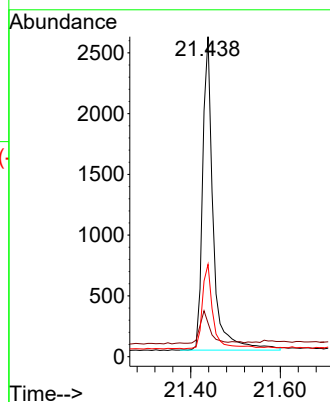
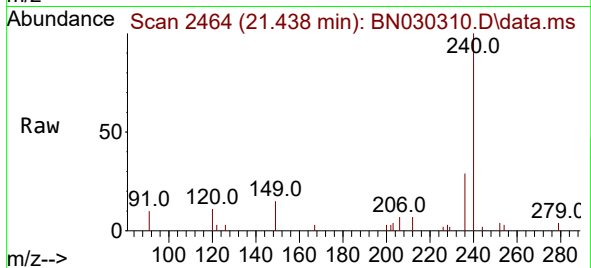
Tgt Ion:240 Resp: 4256

Ion Ratio Lower Upper

240 100

120 10.5 12.2 18.2#

236 28.8 25.2 37.8



#31

Terphenyl-d14

Concen: 0.359 ng

RT: 19.875 min Scan# 2172

Delta R.T. -0.004 min

Lab File: BN030310.D

Acq: 07 Mar 2024 03:24

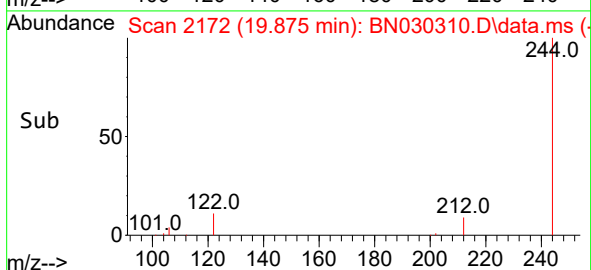
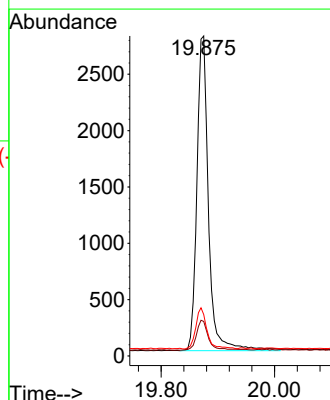
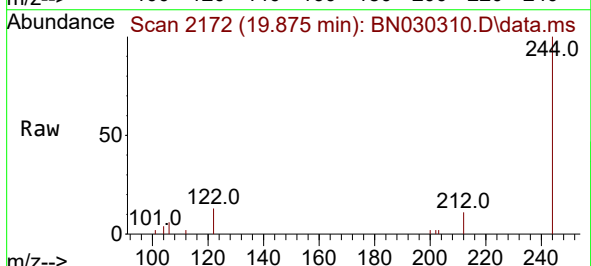
Tgt Ion:244 Resp: 3965

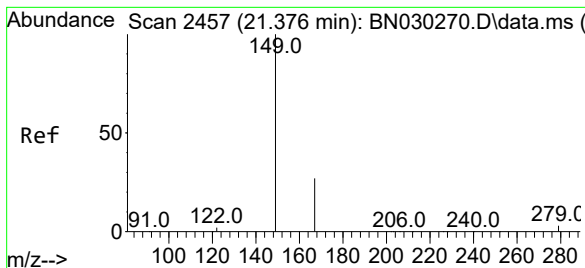
Ion Ratio Lower Upper

244 100

212 10.8 9.5 14.3

122 13.0 11.8 17.6

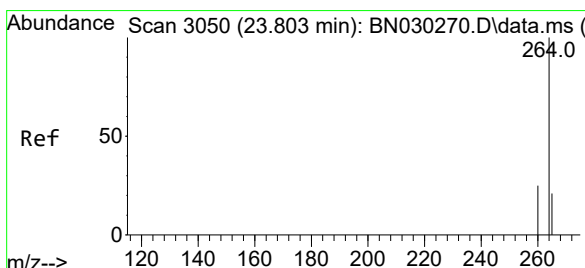
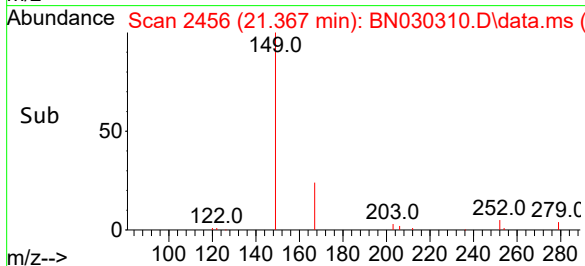
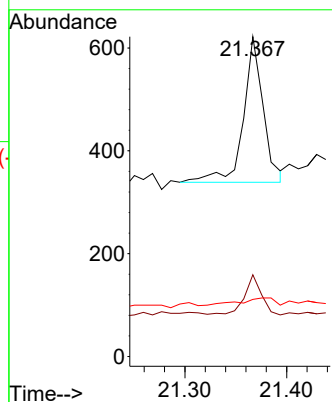
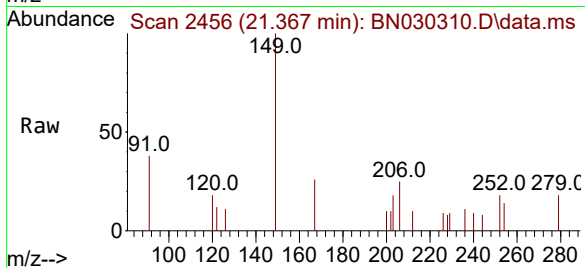




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.032 ng
 RT: 21.367 min Scan# 2456
 Delta R.T. -0.009 min
 Lab File: BN030310.D
 Acq: 07 Mar 2024 03:24

Instrument :
 BNA_N
 ClientSampleId :
 MW181S-20240223

Tgt Ion:149 Resp: 382
 Ion Ratio Lower Upper
 149 100
 167 23.3 20.6 30.8
 279 8.6 4.0 6.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.794 min Scan# 3047
 Delta R.T. -0.009 min
 Lab File: BN030310.D
 Acq: 07 Mar 2024 03:24

Tgt Ion:264 Resp: 4641
 Ion Ratio Lower Upper
 264 100
 260 27.6 21.7 32.5
 265 56.0 50.8 76.2

