

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022424\
 Data File : BN030000.D
 Acq On : 24 Feb 2024 19:43
 Operator : MA/JU
 Sample : P1520-06
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW178I-20240215

Quant Time: Feb 26 02:44:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 02:39:45 2024
 Response via : Initial Calibration

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

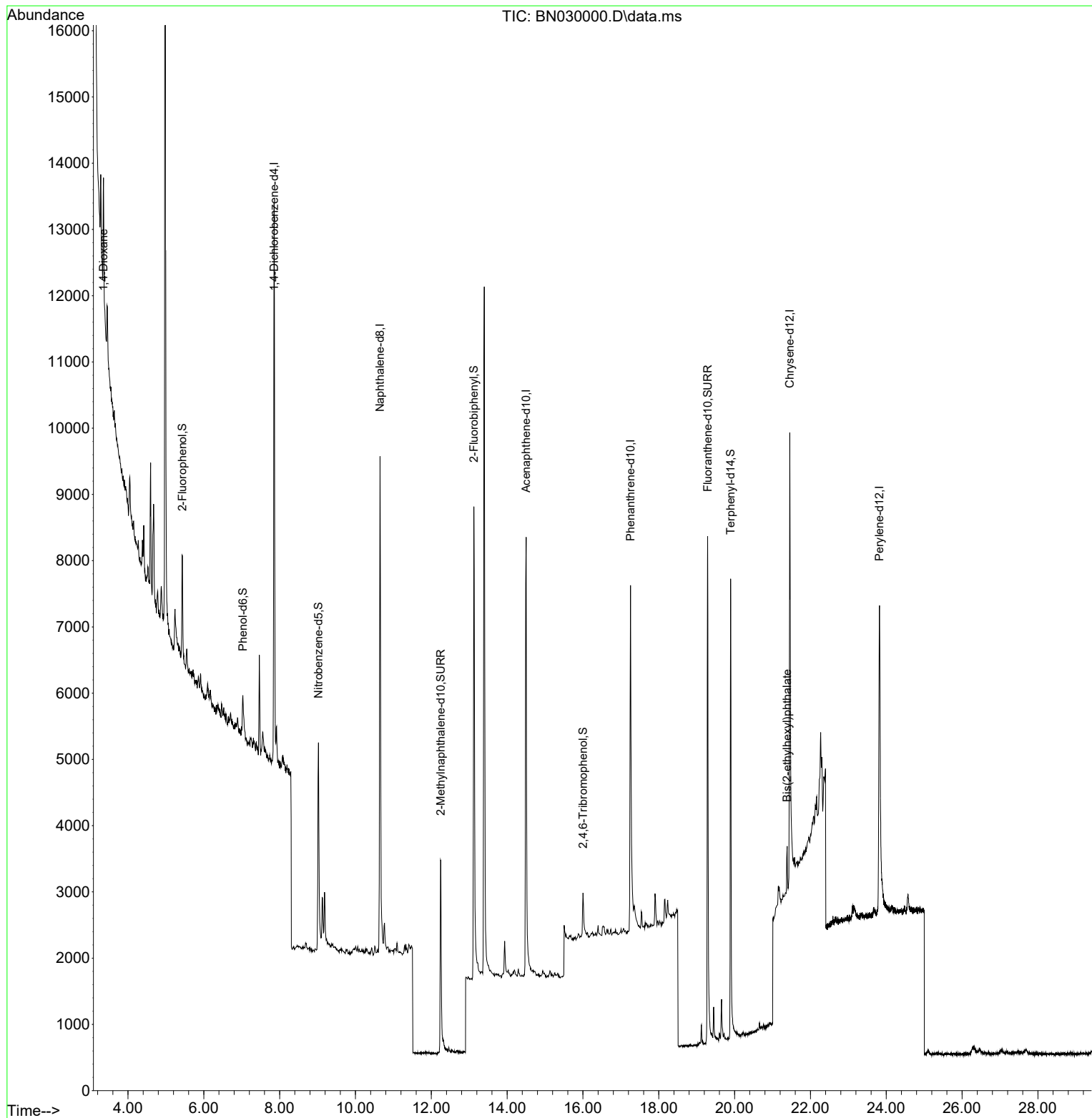
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4296	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	11202	0.400	ng	0.00
13) Acenaphthene-d10	14.500	164	5042	0.400	ng	0.01
19) Phenanthrene-d10	17.256	188	9804	0.400	ng	0.00
29) Chrysene-d12	21.456	240	8731	0.400	ng	0.00
35) Perylene-d12	23.821	264	9270	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	1329	0.129	ng	0.00
5) Phenol-d6	7.031	99	759	0.064	ng	0.00
8) Nitrobenzene-d5	9.025	82	3527	0.378	ng	0.01
11) 2-Methylnaphthalene-d10	12.246	152	5209	0.341	ng	0.00
14) 2,4,6-Tribromophenol	16.002	330	556	0.344	ng	0.00
15) 2-Fluorobiphenyl	13.121	172	7944	0.367	ng	0.00
27) Fluoranthene-d10	19.290	212	10644	0.448	ng	0.00
31) Terphenyl-d14	19.894	244	8205	0.379	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.355	88	1263	0.209	ng	# 45
34) Bis(2-ethylhexyl)phtha...	21.385	149	814	0.040	ng	# 99

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

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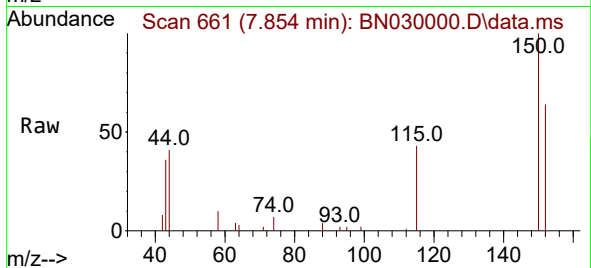
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 02:39:45 2024
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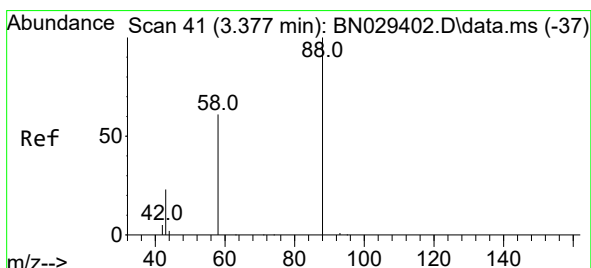
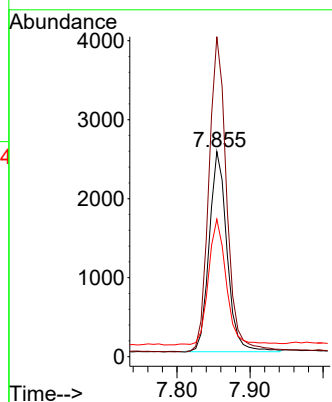
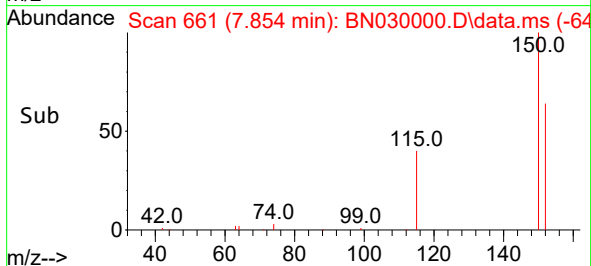


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 60
 Delta R.T. 0.000 min
 Lab File: BN030000.D
 Acq: 24 Feb 2024 19:43

Instrument :
 BNA_N
 ClientSampleId :
 MW178I-20240215

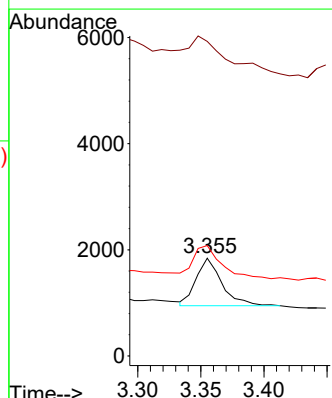
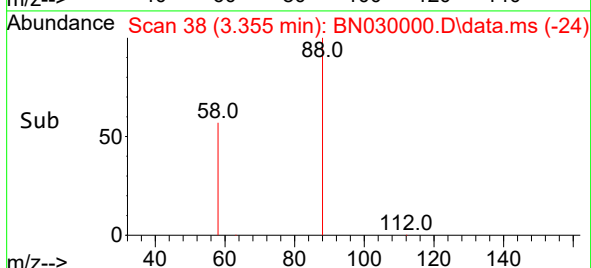
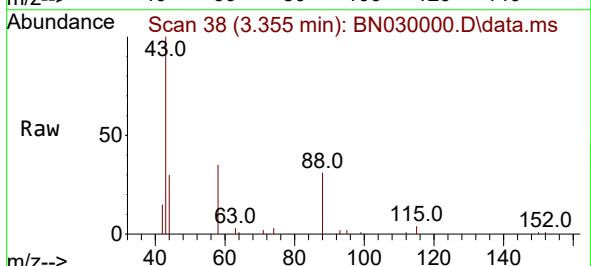


Tgt Ion:152 Resp: 4296
 Ion Ratio Lower Upper
 152 100
 150 156.0 123.0 184.4
 115 67.0 51.4 77.0



#2
 1,4-Dioxane
 Concen: 0.209 ng
 RT: 3.355 min Scan# 38
 Delta R.T. 0.000 min
 Lab File: BN030000.D
 Acq: 24 Feb 2024 19:43

Tgt Ion: 88 Resp: 1263
 Ion Ratio Lower Upper
 88 100
 43 111.7 23.3 34.9#
 58 76.6 53.8 80.6

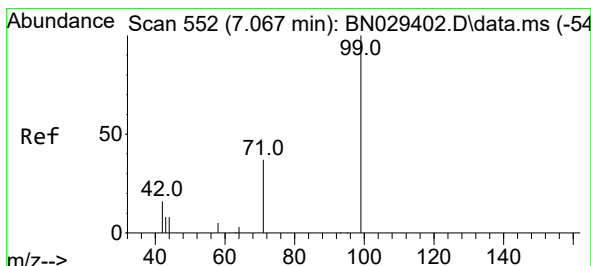
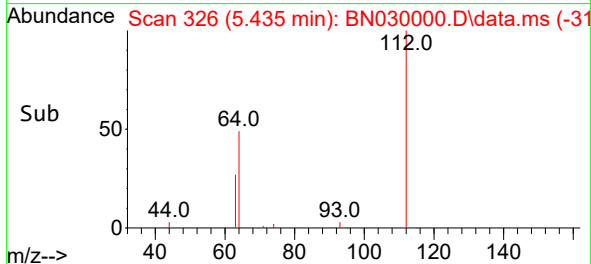
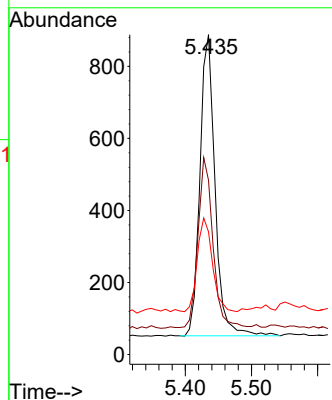
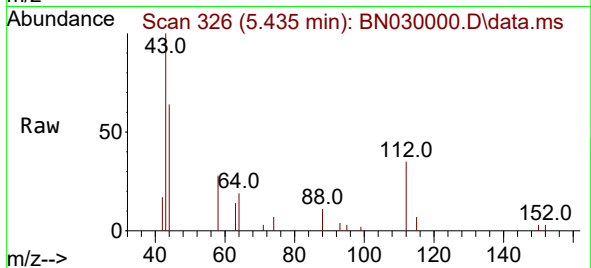




#4
2-Fluorophenol
Concen: 0.129 ng
RT: 5.435 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN030000.D
Acq: 24 Feb 2024 19:43

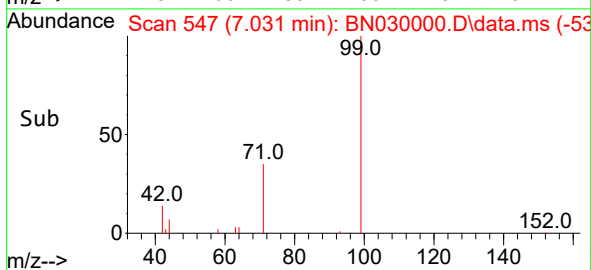
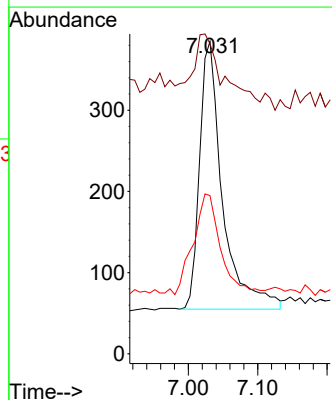
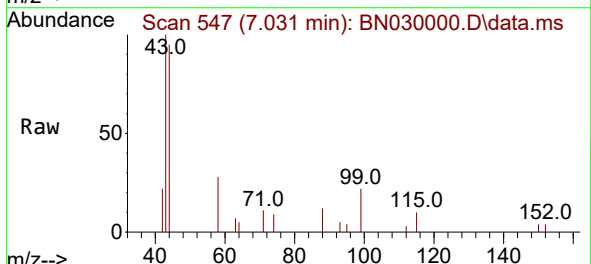
Instrument :
BNA_N
ClientSampleId :
MW178I-20240215

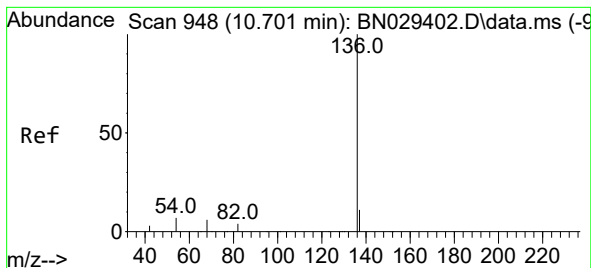
Tgt Ion:112 Resp: 1329
Ion Ratio Lower Upper
112 100
64 55.3 47.2 70.8
63 30.8 25.8 38.6



#5
Phenol-d6
Concen: 0.064 ng
RT: 7.031 min Scan# 547
Delta R.T. 0.007 min
Lab File: BN030000.D
Acq: 24 Feb 2024 19:43

Tgt Ion: 99 Resp: 759
Ion Ratio Lower Upper
99 100
42 30.4 16.9 25.3#
71 43.0 30.0 45.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.648 min Scan# 94

Delta R.T. 0.000 min

Lab File: BN030000.D

Acq: 24 Feb 2024 19:43

Instrument :

BNA_N

ClientSampleId :

MW178I-20240215

Tgt Ion:136 Resp: 11202

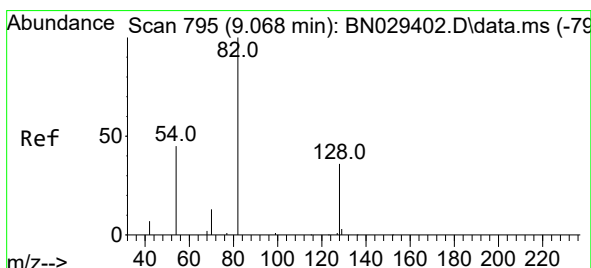
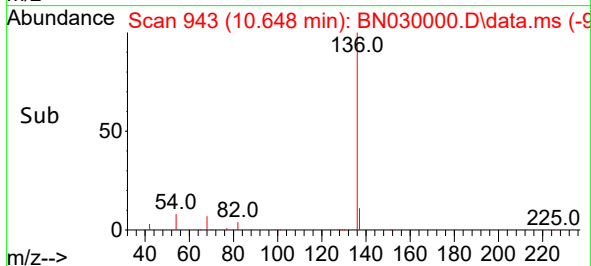
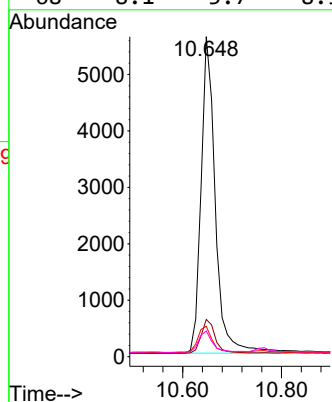
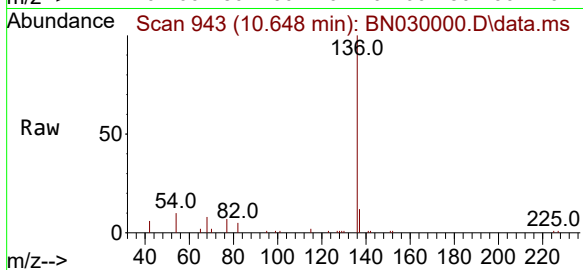
Ion Ratio Lower Upper

136 100

137 11.6 9.7 14.5

54 9.5 6.6 10.0

68 8.1 5.7 8.5



#8

Nitrobenzene-d5

Concen: 0.378 ng

RT: 9.025 min Scan# 791

Delta R.T. 0.011 min

Lab File: BN030000.D

Acq: 24 Feb 2024 19:43

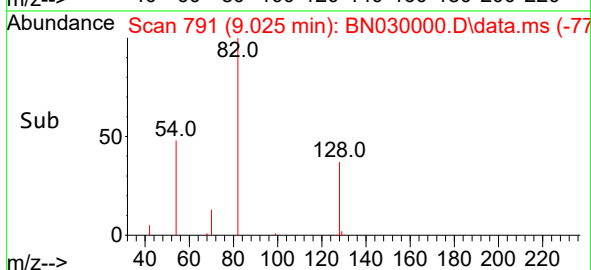
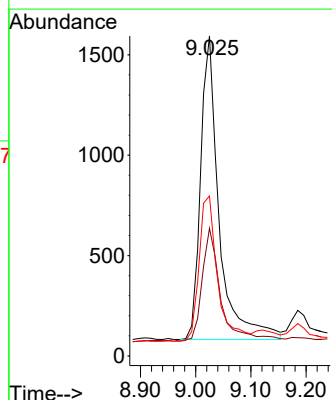
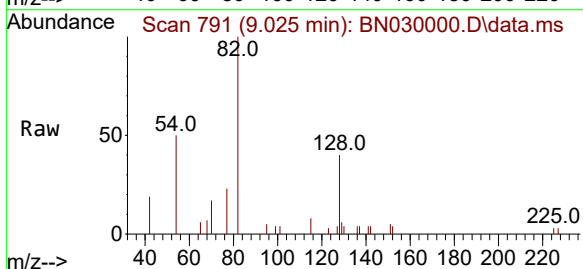
Tgt Ion: 82 Resp: 3527

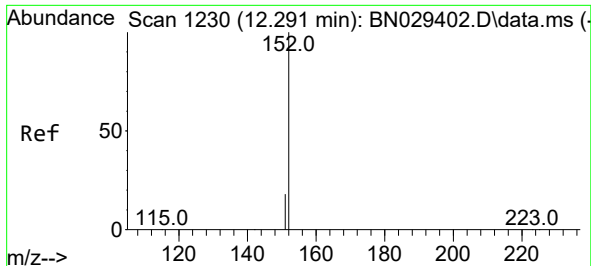
Ion Ratio Lower Upper

82 100

128 39.9 31.6 47.4

54 50.0 38.2 57.4

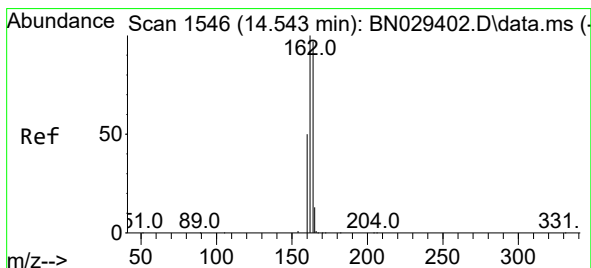
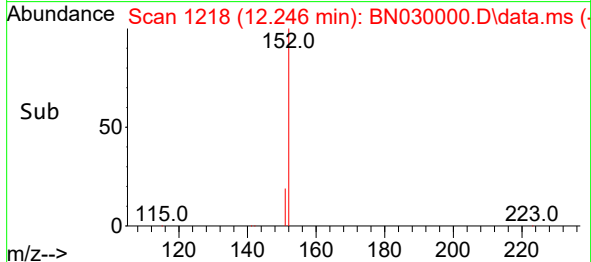
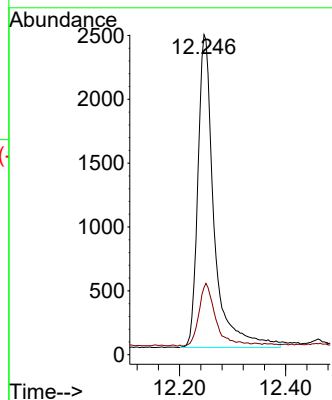
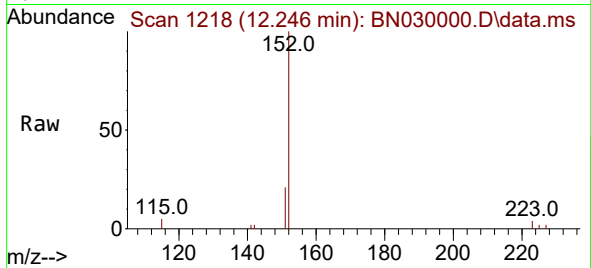




#11
2-Methylnaphthalene-d10
Concen: 0.341 ng
RT: 12.246 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN030000.D
Acq: 24 Feb 2024 19:43

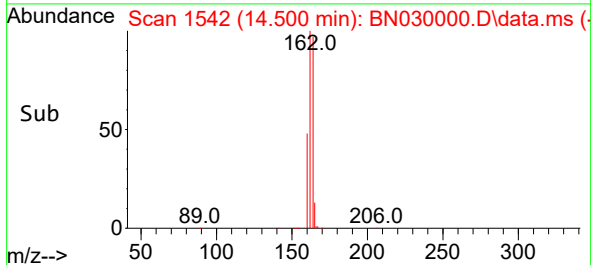
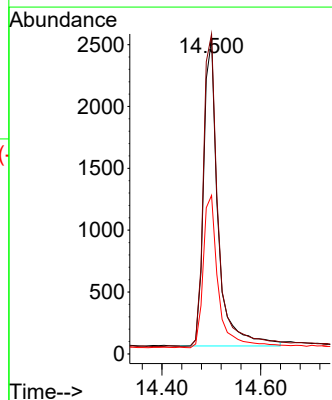
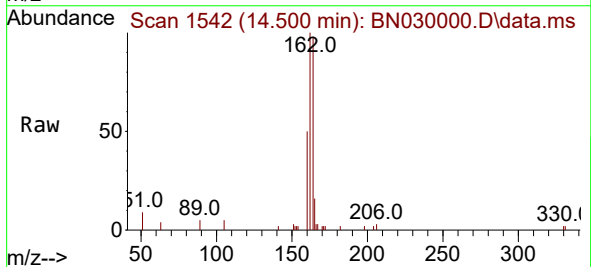
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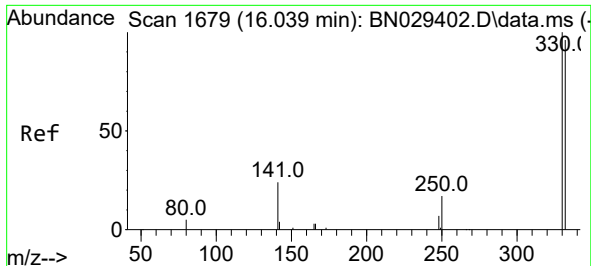
Tgt Ion:152 Resp: 5209
Ion Ratio Lower Upper
152 100
151 20.8 17.1 25.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.500 min Scan# 1542
Delta R.T. 0.011 min
Lab File: BN030000.D
Acq: 24 Feb 2024 19:43

Tgt Ion:164 Resp: 5042
Ion Ratio Lower Upper
164 100
162 101.7 82.6 123.8
160 50.4 41.5 62.3

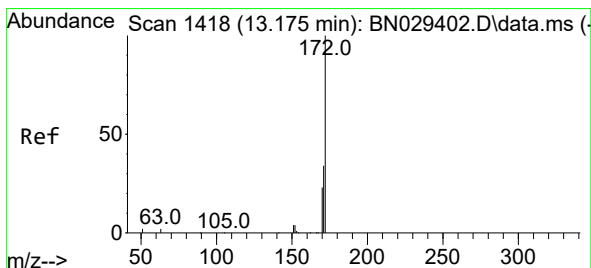
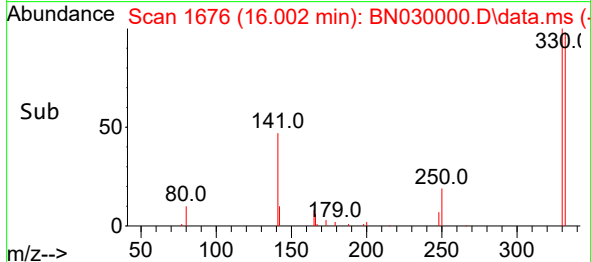
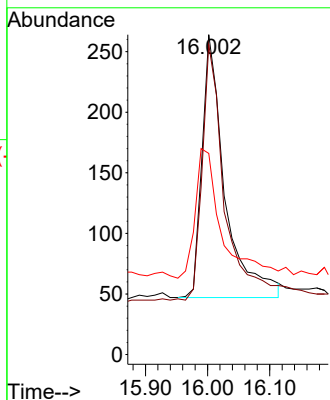
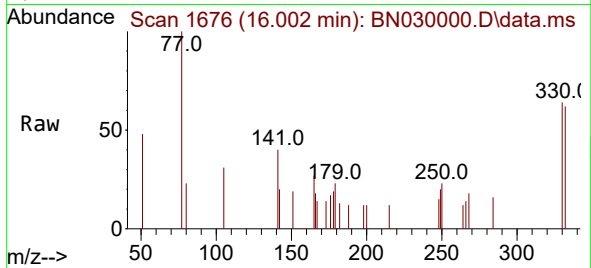




#14
2,4,6-Tribromophenol
Concen: 0.344 ng
RT: 16.002 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN030000.D
Acq: 24 Feb 2024 19:43

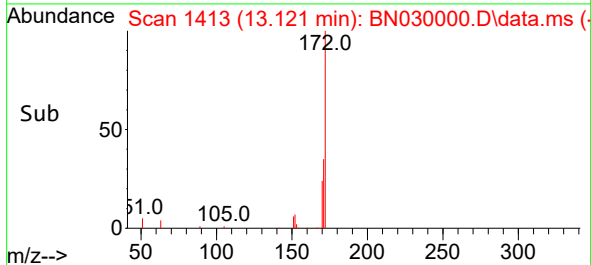
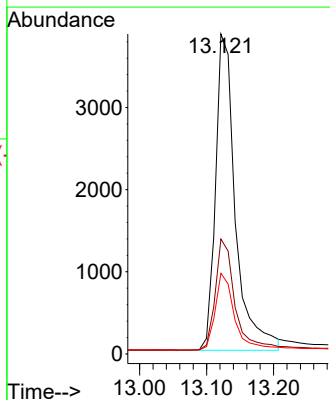
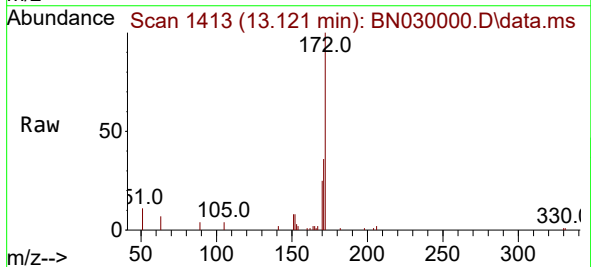
Instrument :
BNA_N
ClientSampleId :
MW178I-20240215

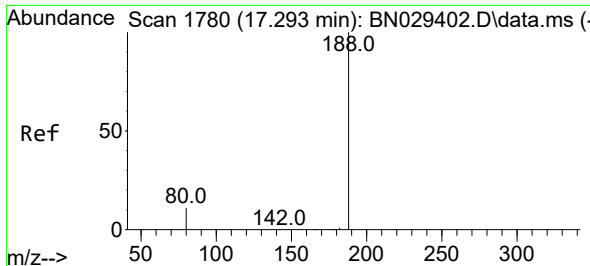
Tgt Ion:330 Resp: 556
Ion Ratio Lower Upper
330 100
332 93.9 76.0 114.0
141 56.8 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 13.121 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BN030000.D
Acq: 24 Feb 2024 19:43

Tgt Ion:172 Resp: 7944
Ion Ratio Lower Upper
172 100
171 35.9 28.0 42.0
170 25.2 18.7 28.1

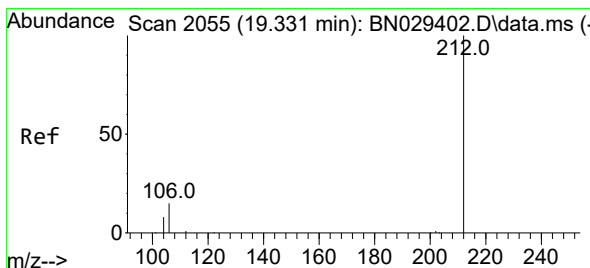
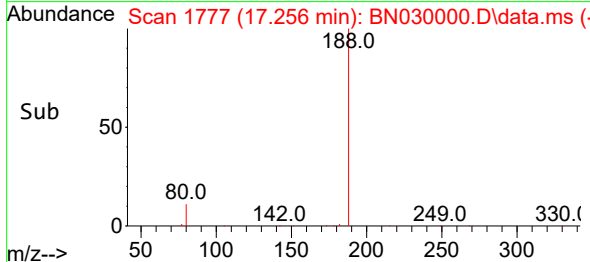
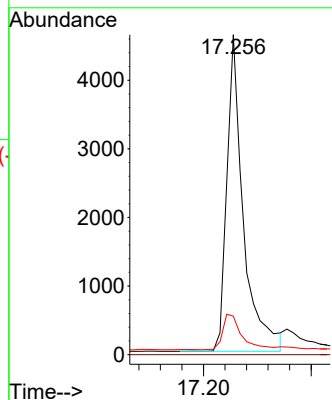
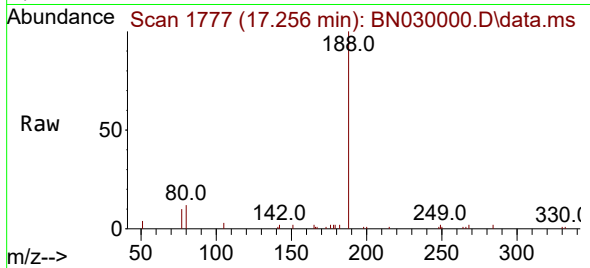




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.256 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN030000.D
Acq: 24 Feb 2024 19:43

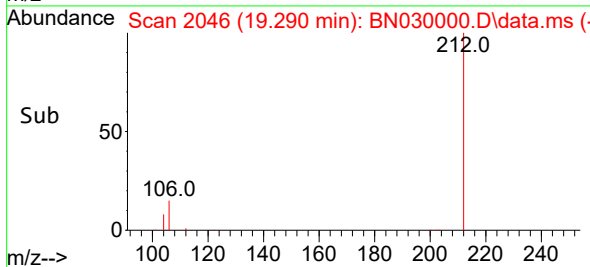
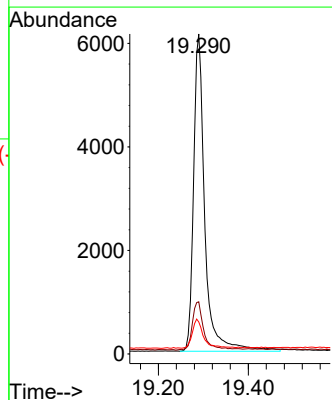
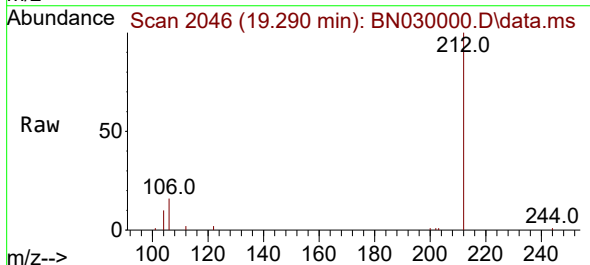
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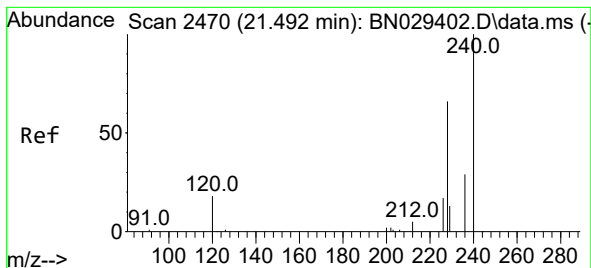
Tgt Ion:188 Resp: 9804
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.0 10.0 15.0



#27
Fluoranthene-d10
Concen: 0.448 ng
RT: 19.290 min Scan# 2046
Delta R.T. 0.000 min
Lab File: BN030000.D
Acq: 24 Feb 2024 19:43

Tgt Ion:212 Resp: 10644
Ion Ratio Lower Upper
212 100
106 15.4 13.2 19.8
104 9.2 7.7 11.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.456 min Scan# 2466

Delta R.T. 0.000 min

Lab File: BN030000.D

Acq: 24 Feb 2024 19:43

Instrument :

BNA_N

ClientSampleId :

MW178I-20240215

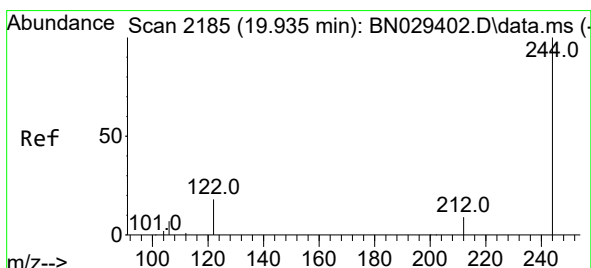
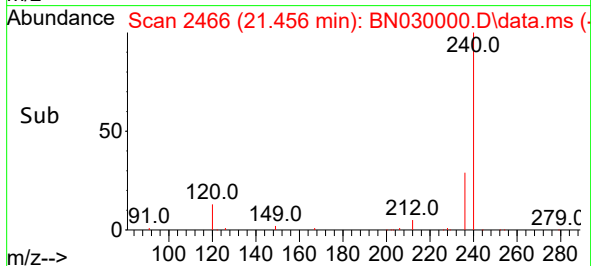
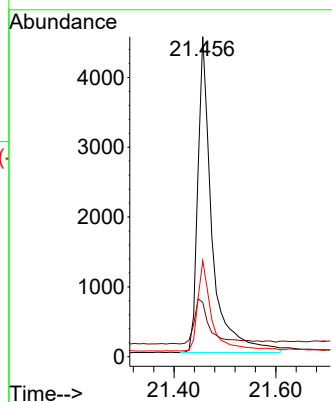
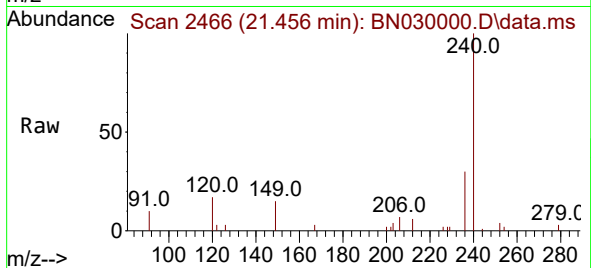
Tgt Ion:240 Resp: 8731

Ion Ratio Lower Upper

240 100

120 17.0 16.7 25.1

236 30.0 23.9 35.9



#31

Terphenyl-d14

Concen: 0.379 ng

RT: 19.894 min Scan# 2176

Delta R.T. -0.004 min

Lab File: BN030000.D

Acq: 24 Feb 2024 19:43

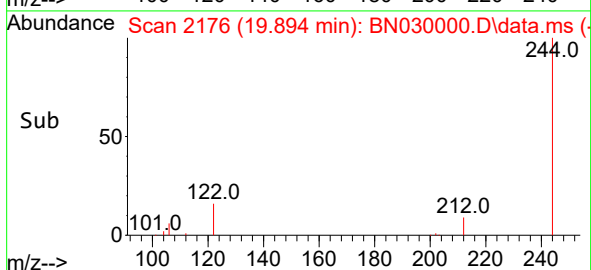
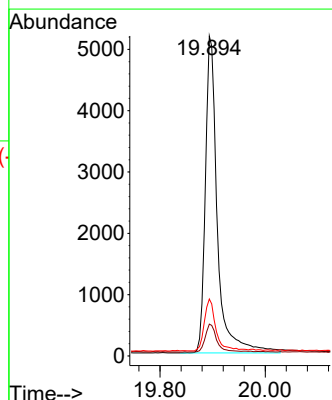
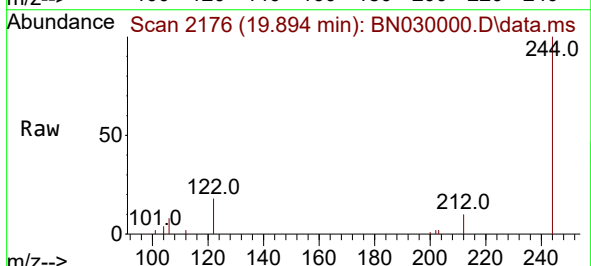
Tgt Ion:244 Resp: 8205

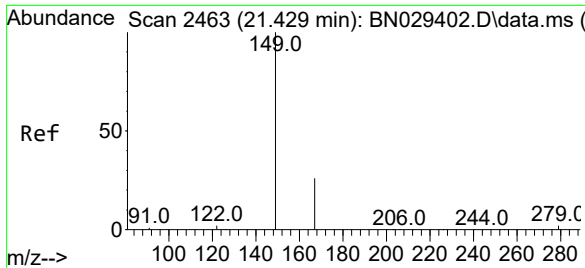
Ion Ratio Lower Upper

244 100

212 9.9 8.2 12.4

122 17.8 15.6 23.4

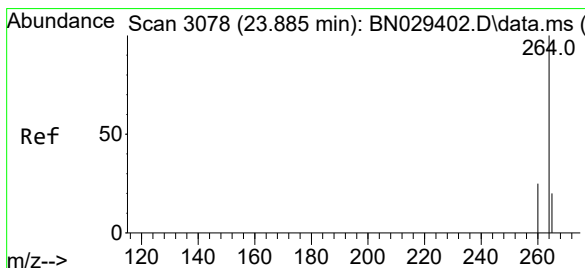
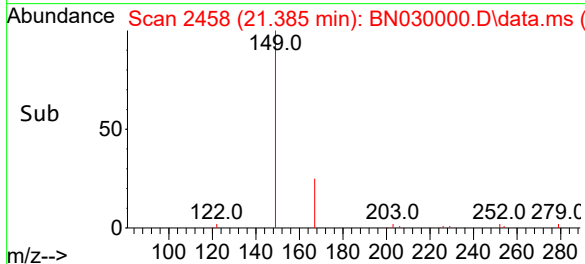
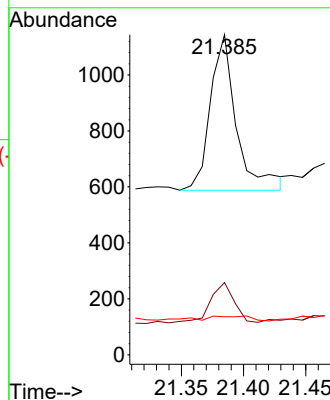
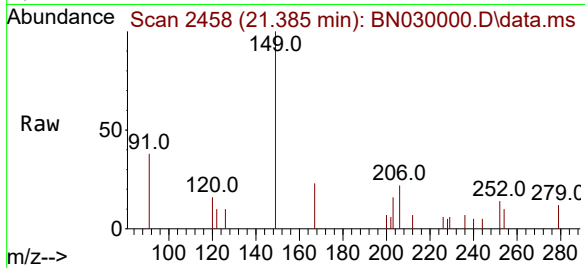




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.040 ng
 RT: 21.385 min Scan# 2463
 Delta R.T. 0.000 min
 Lab File: BN030000.D
 Acq: 24 Feb 2024 19:43

Instrument :
 BNA_N
 ClientSampleId :
 MW178I-20240215

Tgt Ion:149 Resp: 814
 Ion Ratio Lower Upper
 149 100
 167 25.1 20.1 30.1
 279 6.3 2.5 3.7#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.821 min Scan# 3056
 Delta R.T. 0.000 min
 Lab File: BN030000.D
 Acq: 24 Feb 2024 19:43

Tgt Ion:264 Resp: 9270
 Ion Ratio Lower Upper
 264 100
 260 26.6 21.2 31.8
 265 64.8 41.5 62.3#

