

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022424\
 Data File : BN030038.D
 Acq On : 25 Feb 2024 20:55
 Operator : MA/JU
 Sample : P1534-02
 Misc :
 ALS Vial : 89 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-195-DUP-20240216

Quant Time: Feb 26 02:53:15 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)

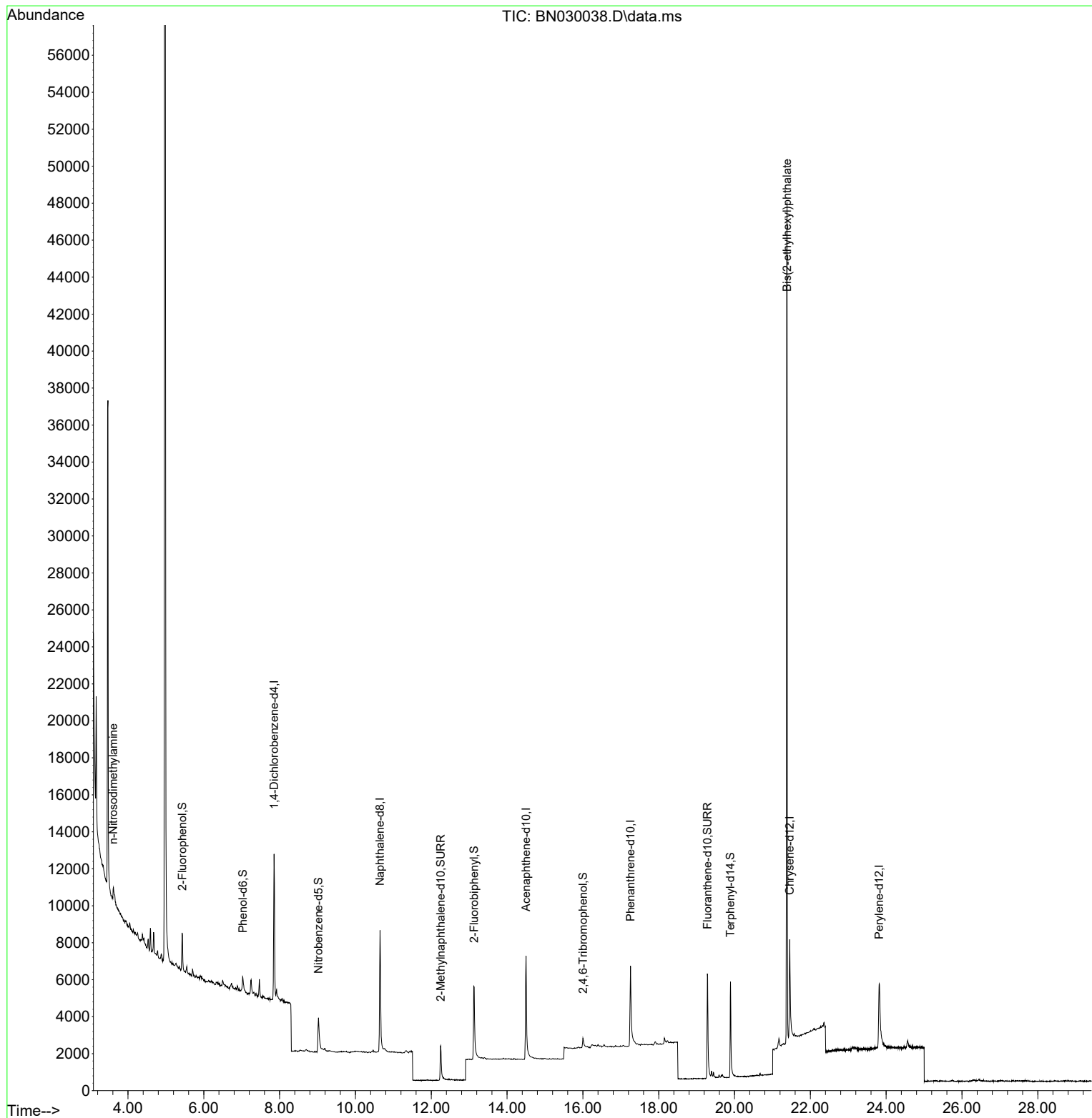
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4016	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	10330	0.400	ng	# 0.00
13) Acenaphthene-d10	14.500	164	4475	0.400	ng	0.01
19) Phenanthrene-d10	17.256	188	9044	0.400	ng	0.00
29) Chrysene-d12	21.456	240	7446	0.400	ng	0.00
35) Perylene-d12	23.818	264	7542	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	1700	0.176	ng	0.00
5) Phenol-d6	7.031	99	1111	0.100	ng	0.00
8) Nitrobenzene-d5	9.025	82	2321	0.270	ng	0.01
11) 2-Methylnaphthalene-d10	12.250	152	3640	0.259	ng	0.00
14) 2,4,6-Tribromophenol	16.002	330	447	0.311	ng	0.00
15) 2-Fluorobiphenyl	13.132	172	5184	0.270	ng	0.01
27) Fluoranthene-d10	19.285	212	8285	0.378	ng	0.00
31) Terphenyl-d14	19.894	244	6390	0.346	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.608	42	346	0.075	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.385	149	44780	2.583	ng	99

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

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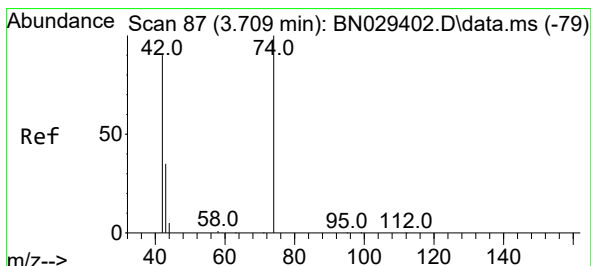
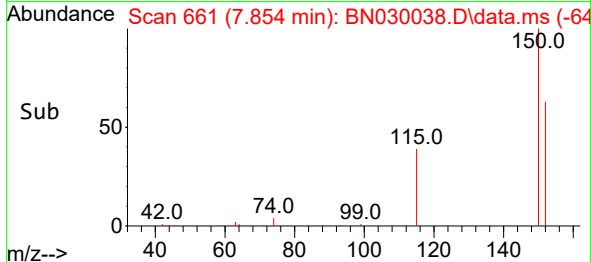
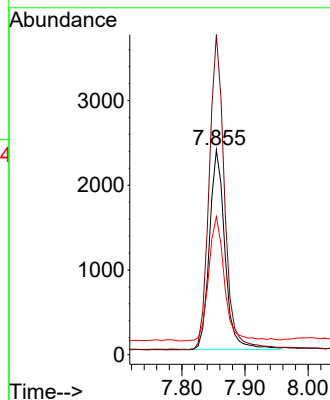
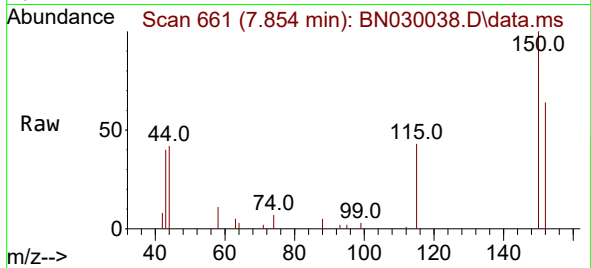




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN030038.D
Acq: 25 Feb 2024 20:55

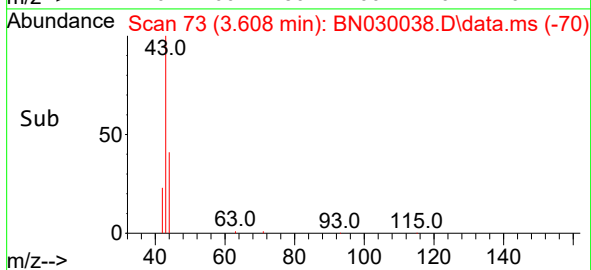
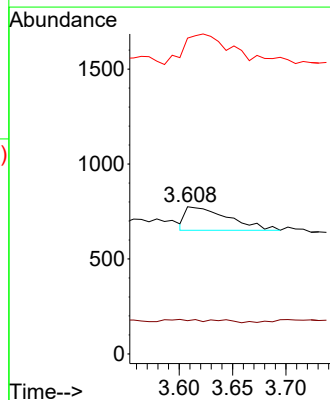
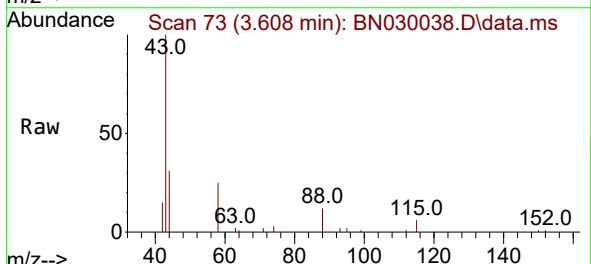
Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-DUP-20240216

Tgt Ion:152 Resp: 4016
Ion Ratio Lower Upper
152 100
150 156.2 123.0 184.4
115 67.4 51.4 77.0



#3
n-Nitrosodimethylamine
Concen: 0.075 ng
RT: 3.608 min Scan# 73
Delta R.T. -0.079 min
Lab File: BN030038.D
Acq: 25 Feb 2024 20:55

Tgt Ion: 42 Resp: 346
Ion Ratio Lower Upper
42 100
74 0.0 93.7 140.5#
44 132.4 13.0 19.4#





#4

2-Fluorophenol

Concen: 0.176 ng

RT: 5.435 min Scan# 31

Delta R.T. 0.007 min

Lab File: BN030038.D

Acq: 25 Feb 2024 20:55

Instrument :

BNA_N

ClientSampleId :

BP-VPB-195-DUP-20240216

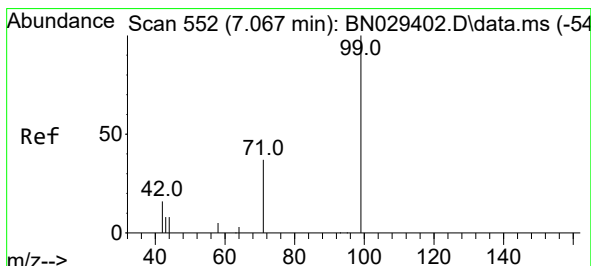
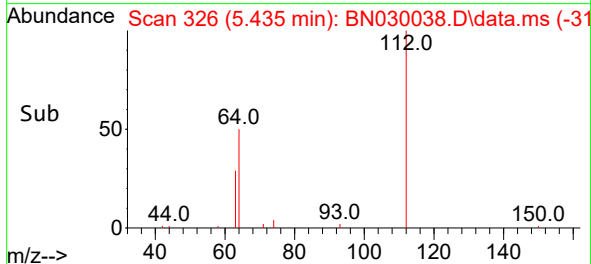
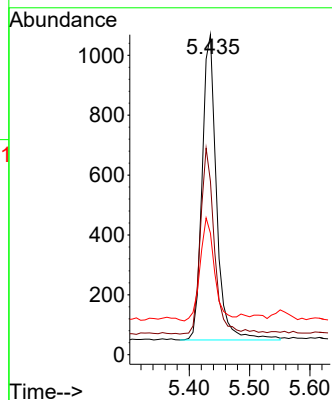
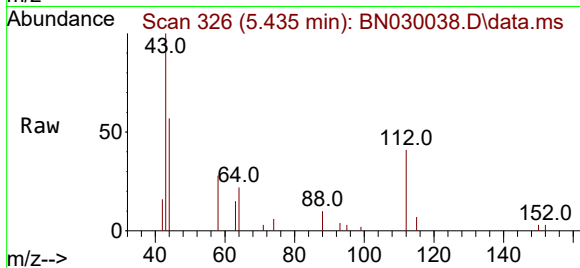
Tgt Ion:112 Resp: 1700

Ion Ratio Lower Upper

112 100

64 57.7 47.2 70.8

63 33.2 25.8 38.6



#5

Phenol-d6

Concen: 0.100 ng

RT: 7.031 min Scan# 547

Delta R.T. 0.007 min

Lab File: BN030038.D

Acq: 25 Feb 2024 20:55

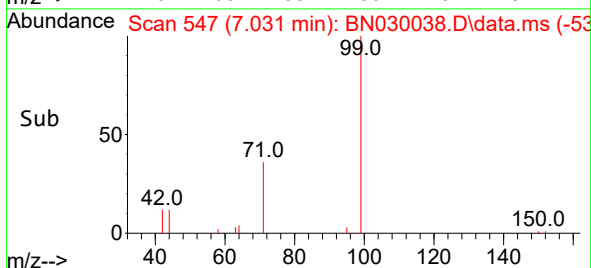
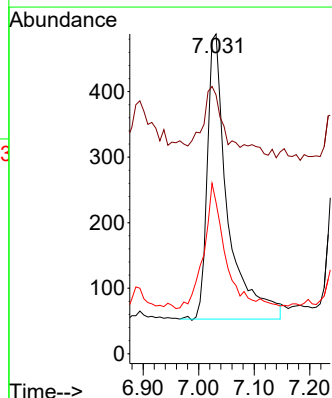
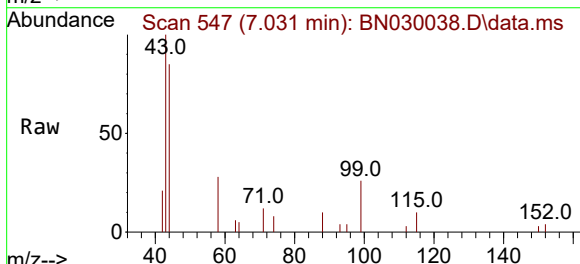
Tgt Ion: 99 Resp: 1111

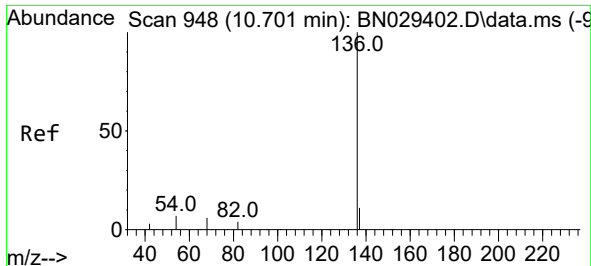
Ion Ratio Lower Upper

99 100

42 17.5 16.9 25.3

71 44.8 30.0 45.0

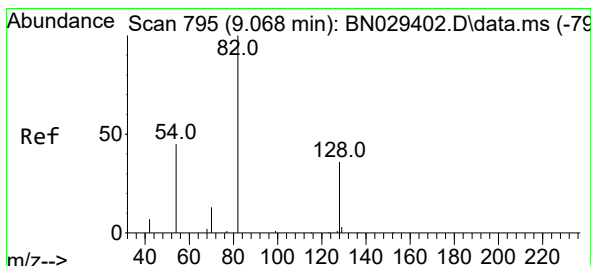
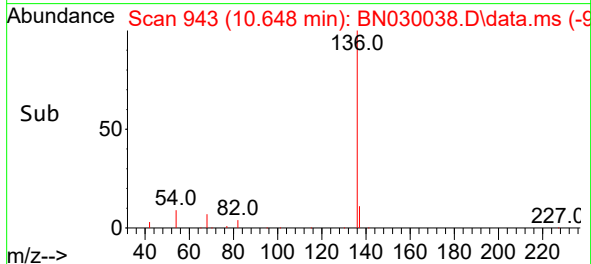
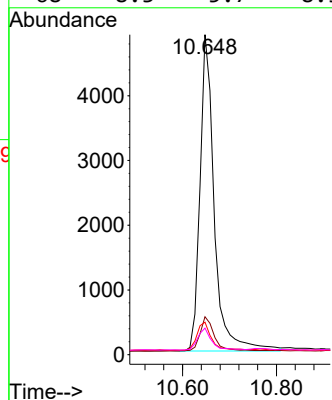
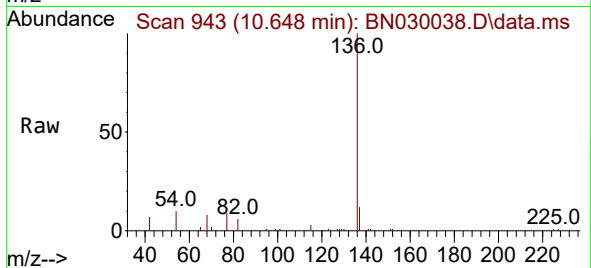




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN030038.D
Acq: 25 Feb 2024 20:55

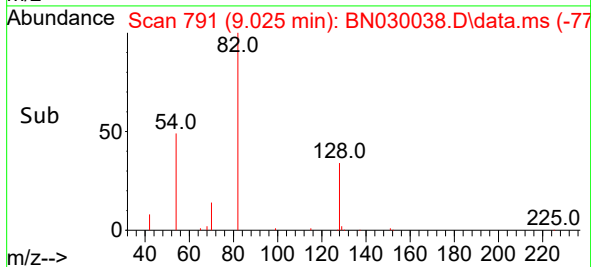
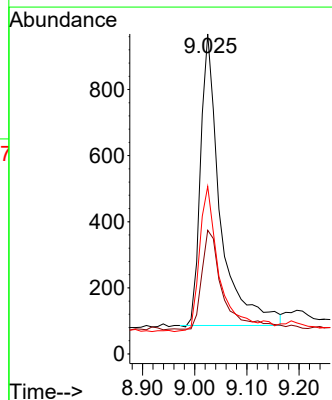
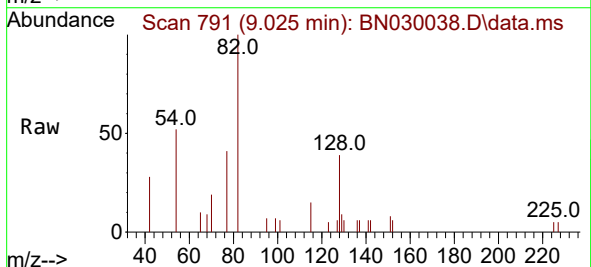
Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-DUP-20240216

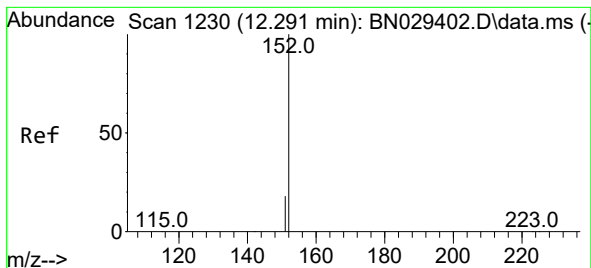
Tgt Ion:	136	Resp:	10330
Ion Ratio	Lower	Upper	
136	100		
137	11.9	9.7	14.5
54	10.1	6.6	10.0
68	8.3	5.7	8.5



#8
Nitrobenzene-d5
Concen: 0.270 ng
RT: 9.025 min Scan# 791
Delta R.T. 0.011 min
Lab File: BN030038.D
Acq: 25 Feb 2024 20:55

Tgt Ion:	82	Resp:	2321
Ion Ratio	Lower	Upper	
82	100		
128	38.6	31.6	47.4
54	52.4	38.2	57.4

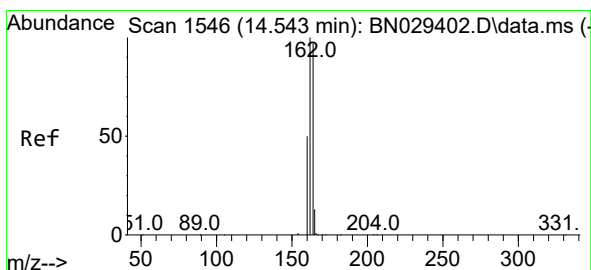
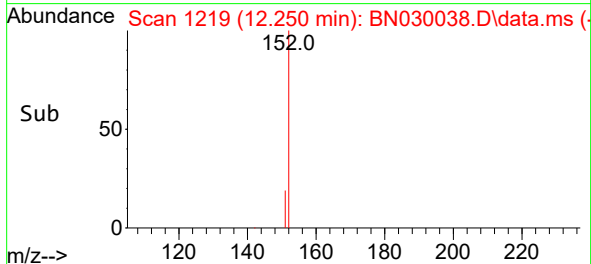
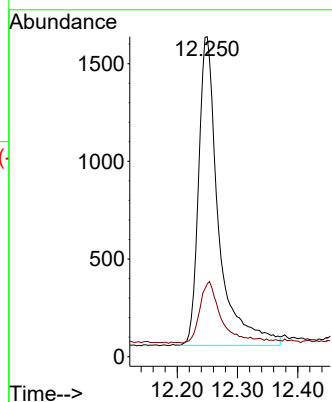
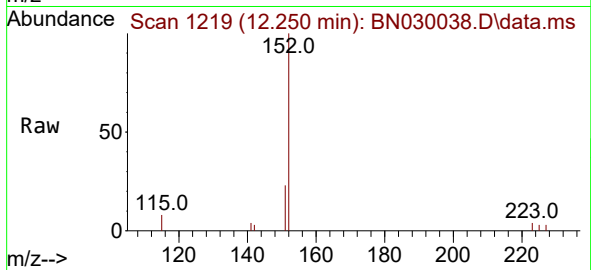




#11
2-Methylnaphthalene-d10
Concen: 0.259 ng
RT: 12.250 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN030038.D
Acq: 25 Feb 2024 20:55

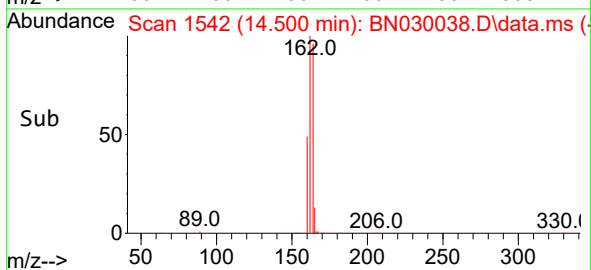
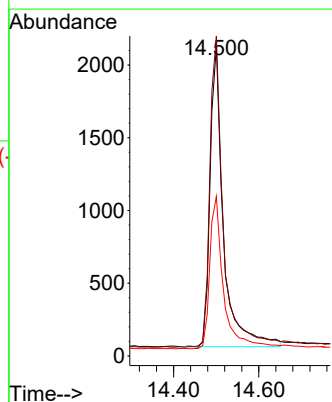
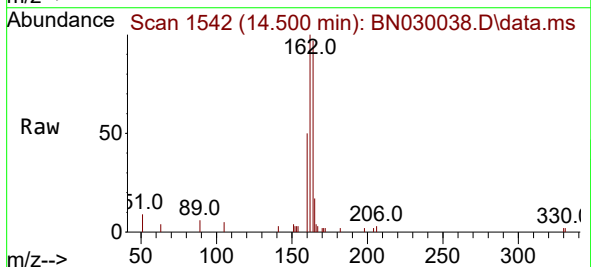
Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-DUP-20240216

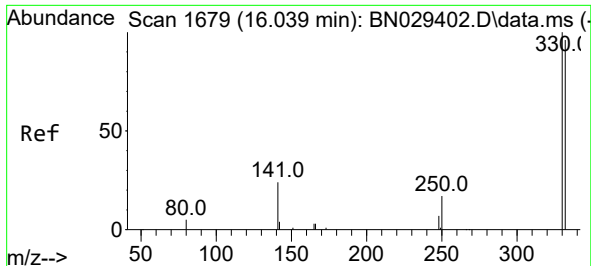
Tgt Ion:152 Resp: 3640
Ion Ratio Lower Upper
152 100
151 20.8 17.1 25.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.500 min Scan# 1542
Delta R.T. 0.011 min
Lab File: BN030038.D
Acq: 25 Feb 2024 20:55

Tgt Ion:164 Resp: 4475
Ion Ratio Lower Upper
164 100
162 103.4 82.6 123.8
160 51.6 41.5 62.3

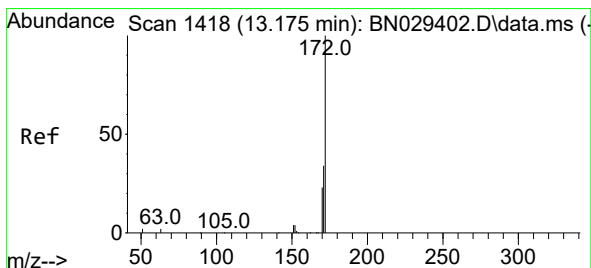
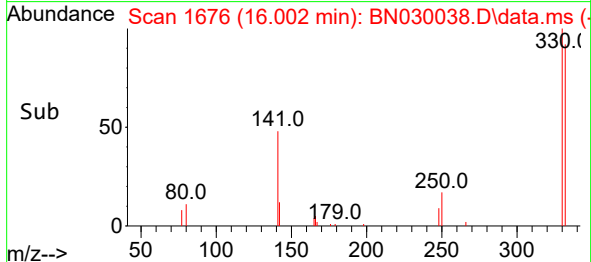
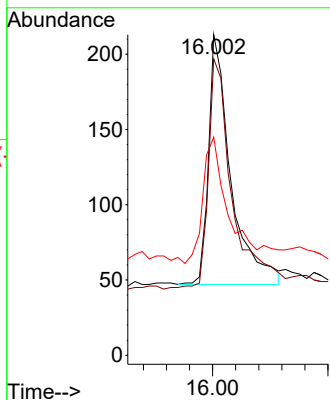
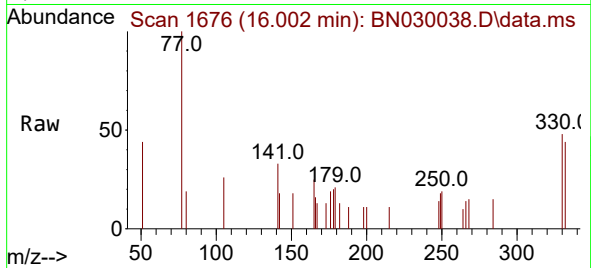




#14
2,4,6-Tribromophenol
Concen: 0.311 ng
RT: 16.002 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN030038.D
Acq: 25 Feb 2024 20:55

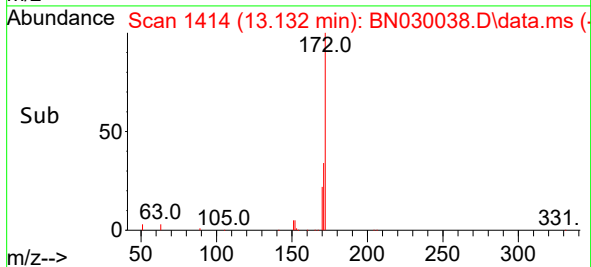
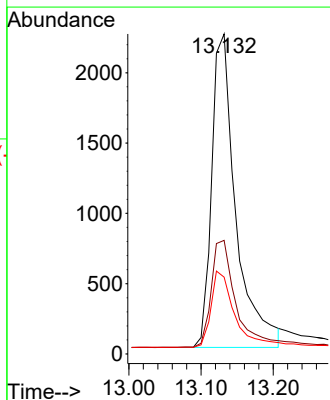
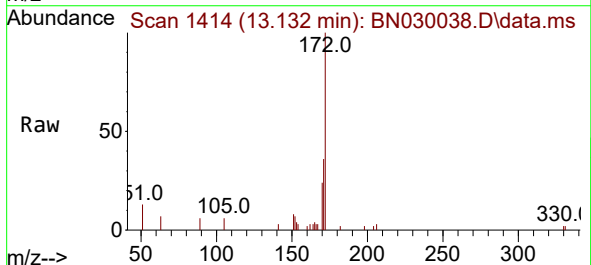
Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-DUP-20240216

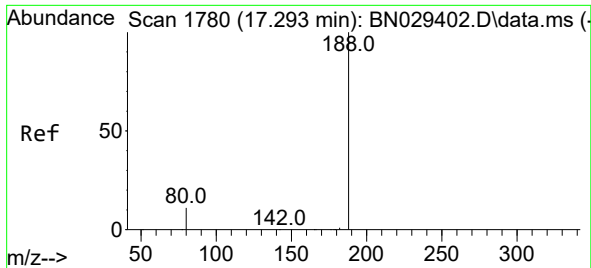
Tgt Ion:330 Resp: 447
Ion Ratio Lower Upper
330 100
332 96.2 76.0 114.0
141 60.4 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.270 ng
RT: 13.132 min Scan# 1414
Delta R.T. 0.011 min
Lab File: BN030038.D
Acq: 25 Feb 2024 20:55

Tgt Ion:172 Resp: 5184
Ion Ratio Lower Upper
172 100
171 35.5 28.0 42.0
170 24.0 18.7 28.1

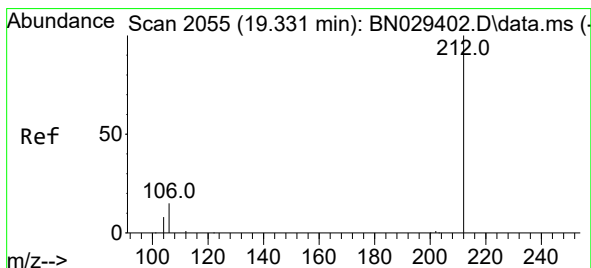
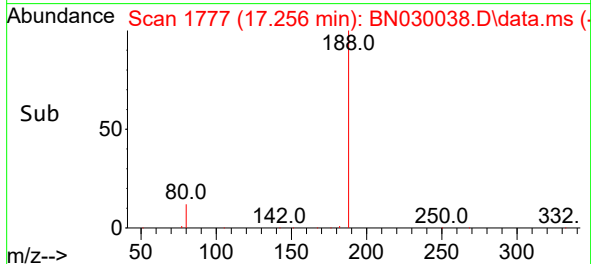
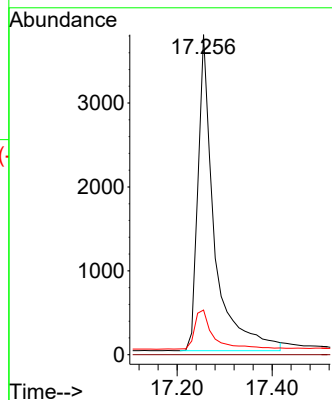
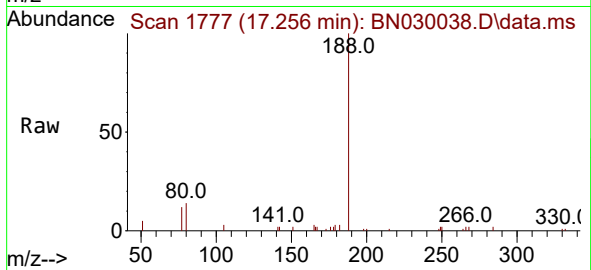




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.256 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN030038.D
Acq: 25 Feb 2024 20:55

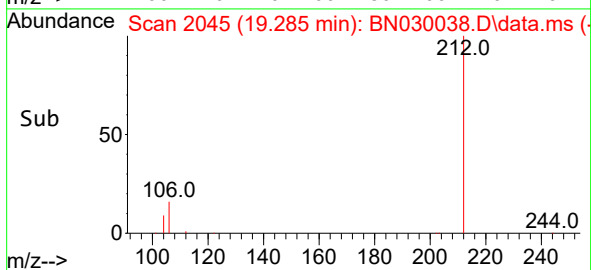
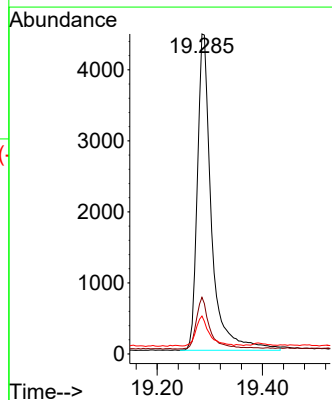
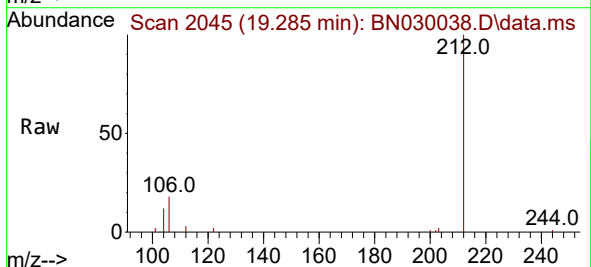
Instrument :
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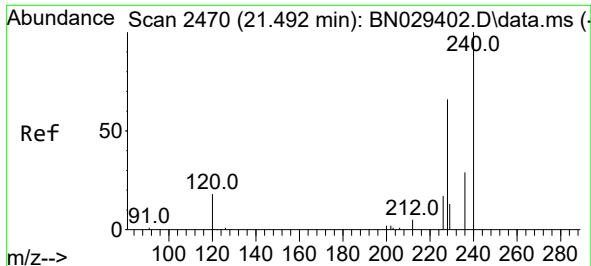
Tgt Ion:188 Resp: 9044
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.0 10.0 15.0



#27
Fluoranthene-d10
Concen: 0.378 ng
RT: 19.285 min Scan# 2045
Delta R.T. -0.004 min
Lab File: BN030038.D
Acq: 25 Feb 2024 20:55

Tgt Ion:212 Resp: 8285
Ion Ratio Lower Upper
212 100
106 15.9 13.2 19.8
104 8.9 7.7 11.5

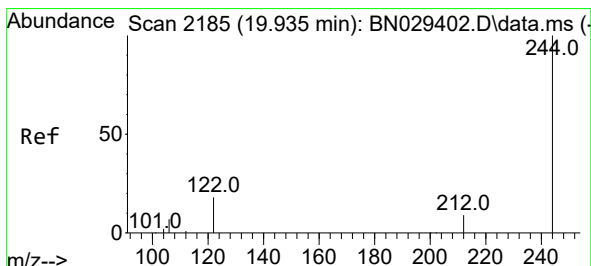
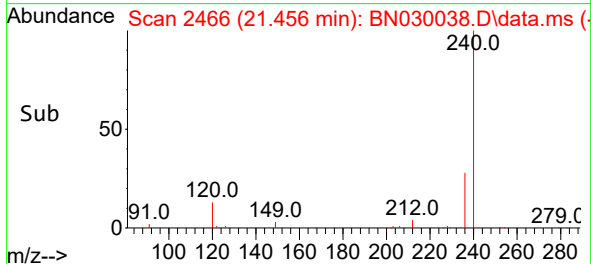
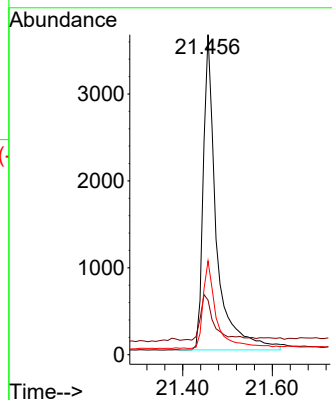
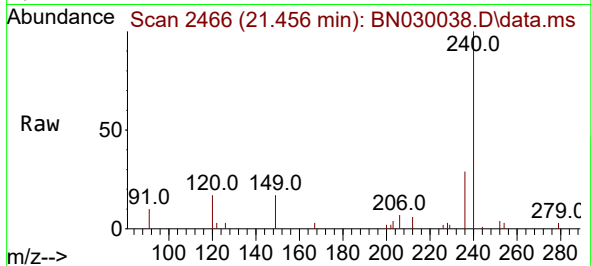




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.456 min Scan# 2466
Delta R.T. 0.000 min
Lab File: BN030038.D
Acq: 25 Feb 2024 20:55

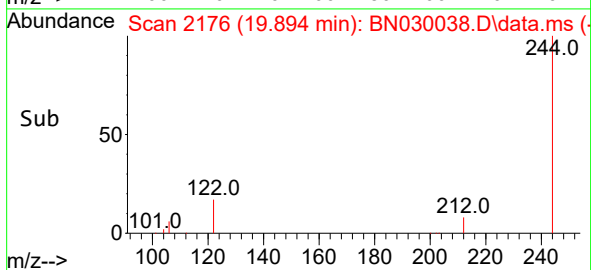
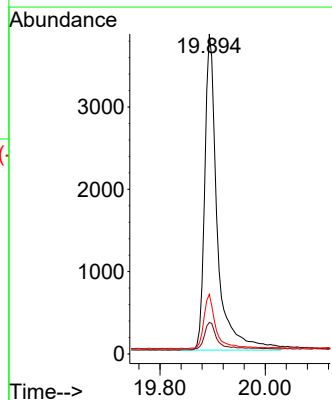
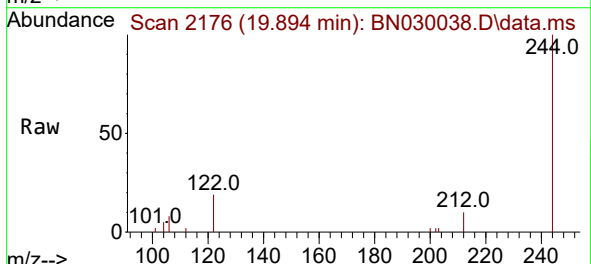
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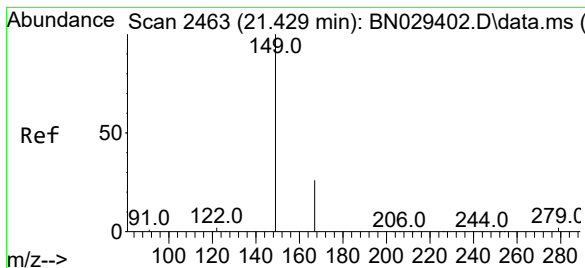
Tgt Ion:240 Resp: 7446
Ion Ratio Lower Upper
240 100
120 17.1 16.7 25.1
236 29.3 23.9 35.9



#31
Terphenyl-d14
Concen: 0.346 ng
RT: 19.894 min Scan# 2176
Delta R.T. -0.004 min
Lab File: BN030038.D
Acq: 25 Feb 2024 20:55

Tgt Ion:244 Resp: 6390
Ion Ratio Lower Upper
244 100
212 9.8 8.2 12.4
122 18.6 15.6 23.4

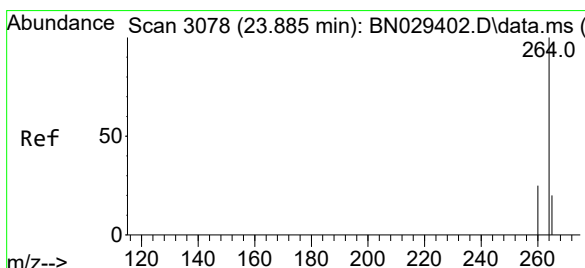
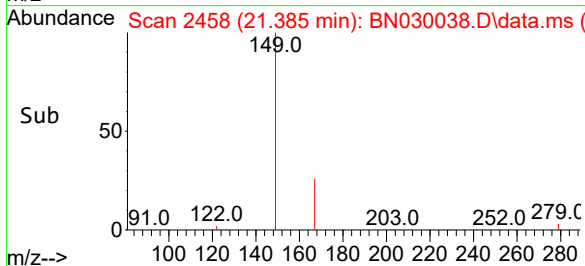
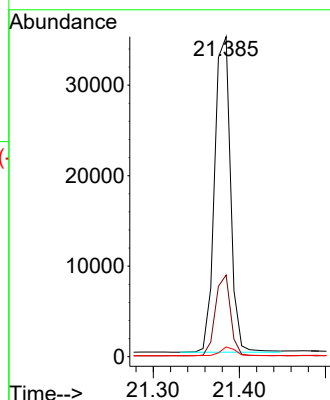
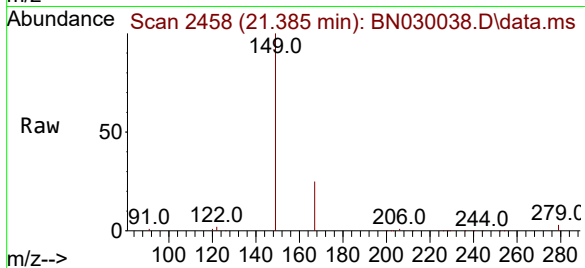




#34
Bis(2-ethylhexyl)phthalate
Concen: 2.583 ng
RT: 21.385 min Scan# 2463
Delta R.T. 0.000 min
Lab File: BN030038.D
Acq: 25 Feb 2024 20:55

Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-DUP-20240216

Tgt Ion:149 Resp: 44780
Ion Ratio Lower Upper
149 100
167 24.5 20.1 30.1
279 2.7 2.5 3.7



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.818 min Scan# 3055
Delta R.T. -0.003 min
Lab File: BN030038.D
Acq: 25 Feb 2024 20:55

Tgt Ion:264 Resp: 7542
Ion Ratio Lower Upper
264 100
260 26.9 21.2 31.8
265 68.6 41.5 62.3

