

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051723\
 Data File : BN025464.D
 Acq On : 17 May 2023 21:41
 Operator : CG/JU
 Sample : 02816-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB-22-K2-SO-30-051623

Quant Time: May 18 03:42:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 03:36:39 2023
 Response via : Initial Calibration

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

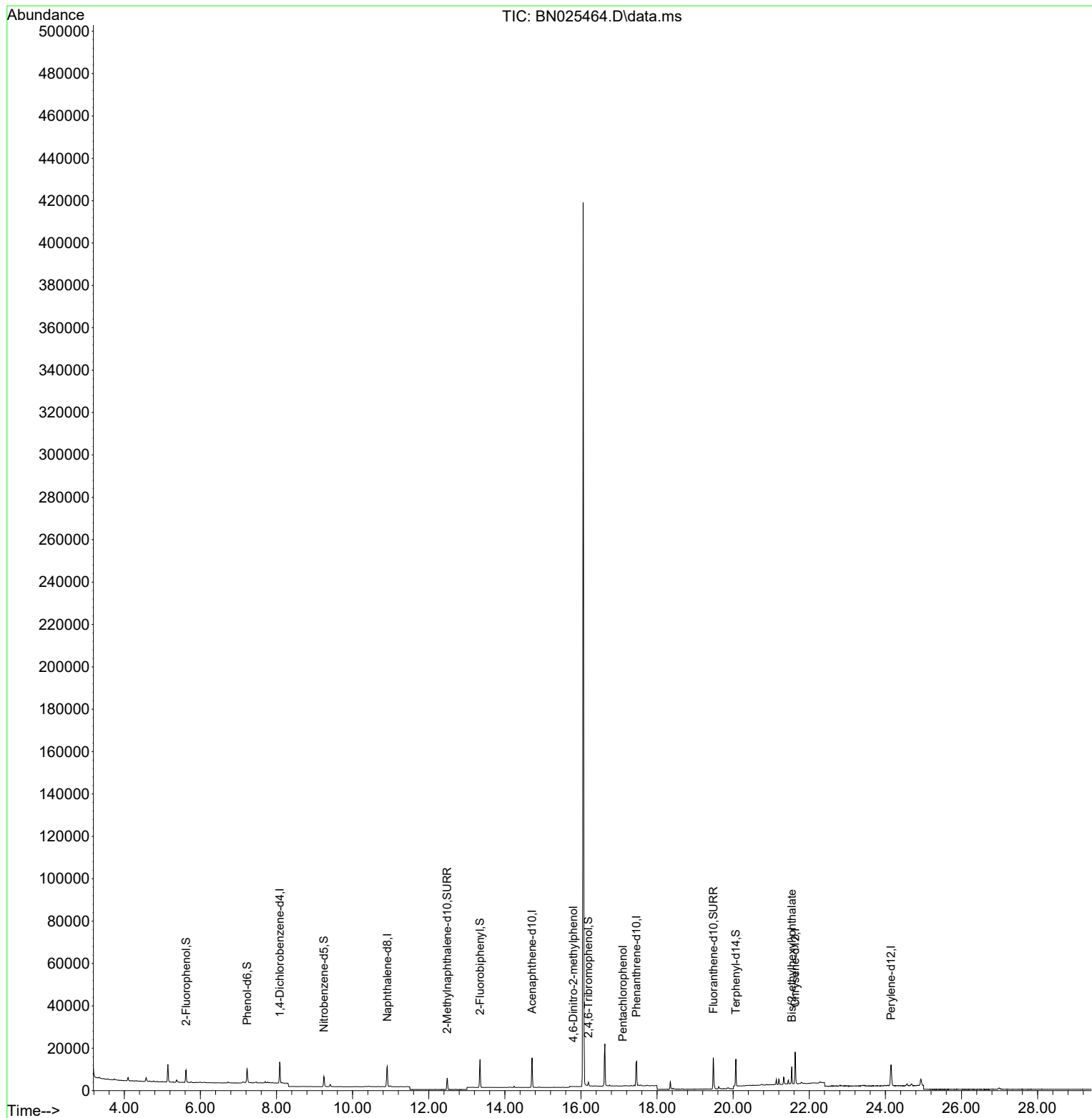
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.084	152	4879	0.400	ng	0.00
7) Naphthalene-d8	10.910	136	13661	0.400	ng	0.00
13) Acenaphthene-d10	14.716	164	7783	0.400	ng	0.00
19) Phenanthrene-d10	17.460	188	17359	0.400	ng	# 0.00
29) Chrysene-d12	21.629	240	14276	0.400	ng	-0.01
35) Perylene-d12	24.148	264	14958	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.622	112	4826	0.461	ng	0.00
5) Phenol-d6	7.232	99	6280	0.447	ng	0.00
8) Nitrobenzene-d5	9.244	82	3919	0.420	ng	0.00
11) 2-Methylnaphthalene-d10	12.487	152	7162	0.375	ng	0.00
14) 2,4,6-Tribromophenol	16.194	330	859	0.326	ng	0.00
15) 2-Fluorobiphenyl	13.347	172	10999	0.386	ng	0.00
27) Fluoranthene-d10	19.481	212	16143	0.391	ng	0.00
31) Terphenyl-d14	20.071	244	10654	0.411	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.859	42	9	Below Cal	#	1
6) bis(2-Chloroethyl)ether	7.434	93	279	Below Cal	#	43
20) 4,6-Dinitro-2-methylph...	15.797	198	5	0.135	ng	# 1
24) Pentachlorophenol	17.100	266	34	0.212	ng	88
34) Bis(2-ethylhexyl)phtha...	21.540	149	7560	0.258	ng	98

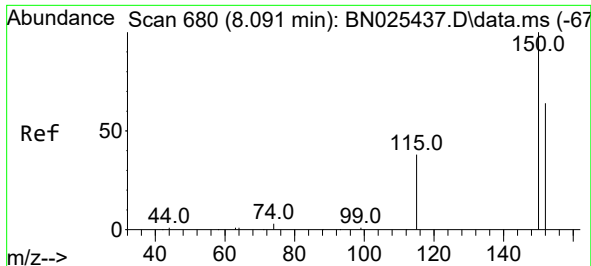
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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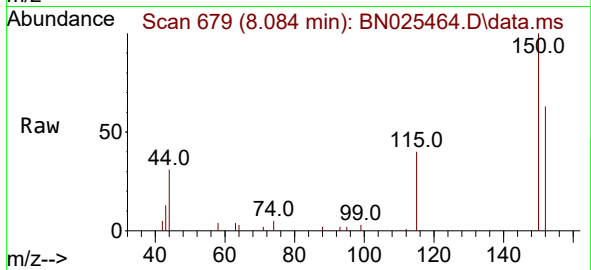
Quant Time: May 18 03:42:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051623.M
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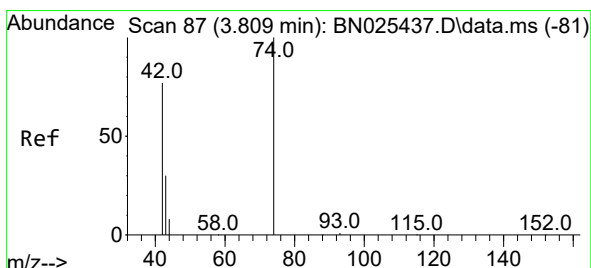
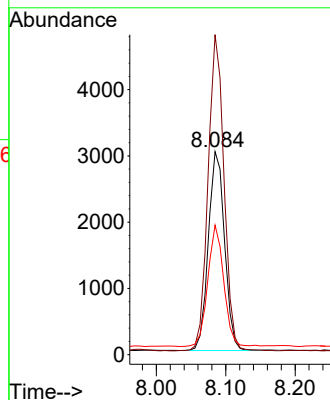
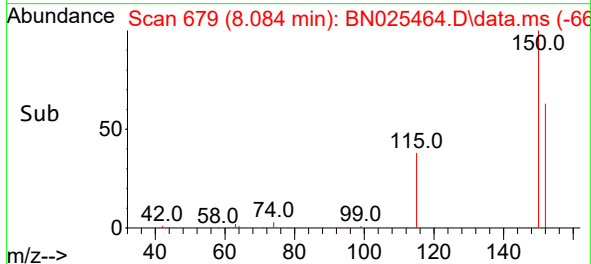


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.084 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN025464.D
Acq: 17 May 2023 21:41

Instrument :
BNA_N
ClientSampleId :
CB-22-K2-SO-30-051623

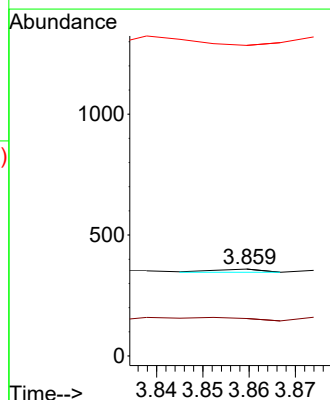
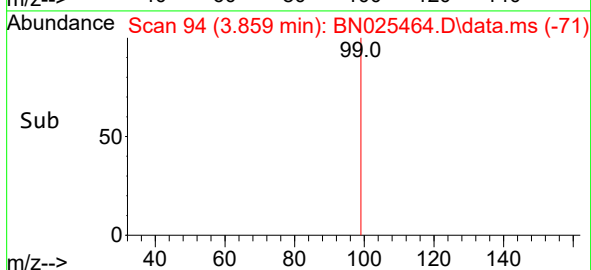
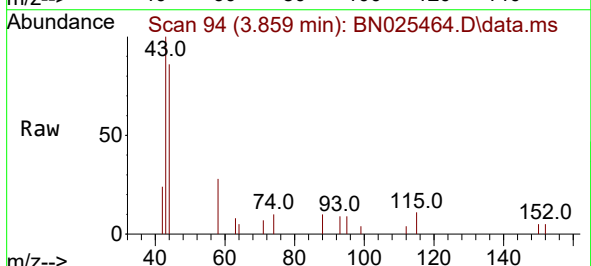


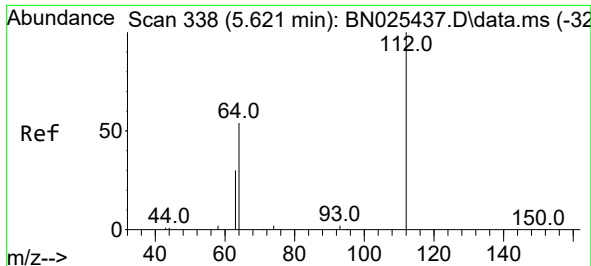
Tgt Ion:152 Resp: 4879
Ion Ratio Lower Upper
152 100
150 157.7 123.7 185.5
115 63.8 50.0 75.0



#3
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.859 min Scan# 94
Delta R.T. 0.065 min
Lab File: BN025464.D
Acq: 17 May 2023 21:41

Tgt Ion: 42 Resp: 9
Ion Ratio Lower Upper
42 100
74 0.0 100.1 150.1#
44 0.0 0.0 0.0

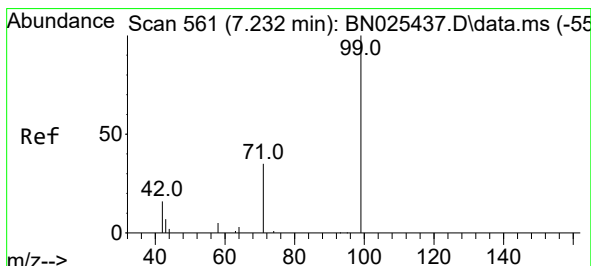
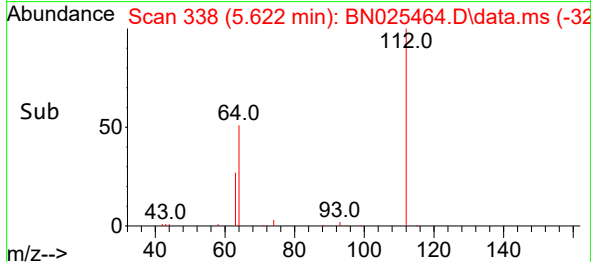
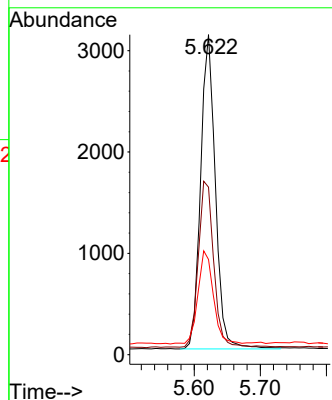
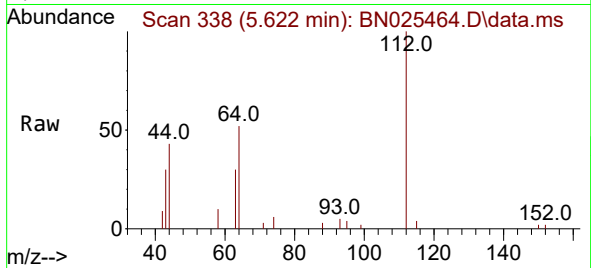




#4
2-Fluorophenol
Concen: 0.461 ng
RT: 5.622 min Scan# 311
Delta R.T. 0.007 min
Lab File: BN025464.D
Acq: 17 May 2023 21:41

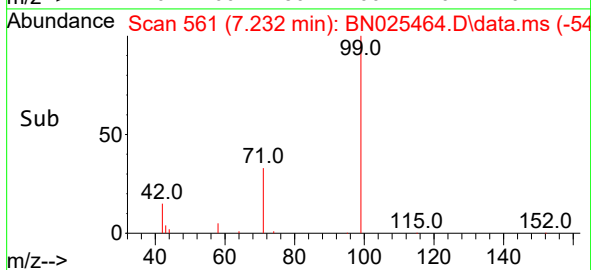
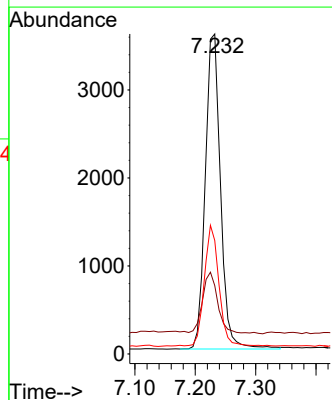
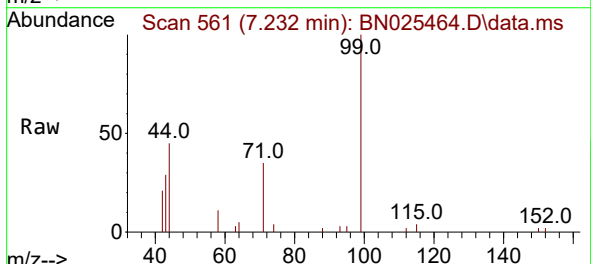
Instrument :
BNA_N
ClientSampleId :
CB-22-K2-SO-30-051623

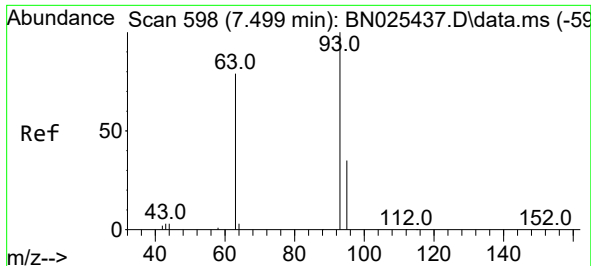
Tgt Ion:112 Resp: 4826
Ion Ratio Lower Upper
112 100
64 54.6 43.9 65.9
63 30.4 25.0 37.4



#5
Phenol-d6
Concen: 0.447 ng
RT: 7.232 min Scan# 561
Delta R.T. 0.007 min
Lab File: BN025464.D
Acq: 17 May 2023 21:41

Tgt Ion: 99 Resp: 6280
Ion Ratio Lower Upper
99 100
42 19.8 16.4 24.6
71 37.5 29.4 44.0

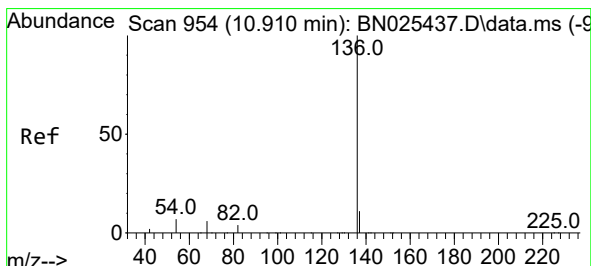
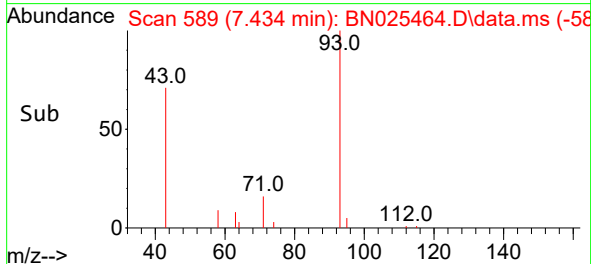
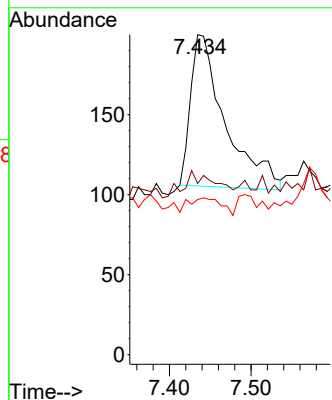
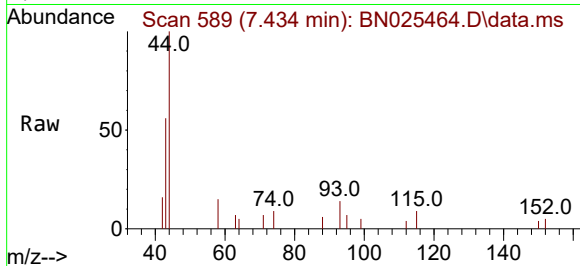




#6
bis(2-Chloroethyl)ether
Concen: Below Cal
RT: 7.434 min Scan# 598
Delta R.T. -0.065 min
Lab File: BN025464.D
Acq: 17 May 2023 21:41

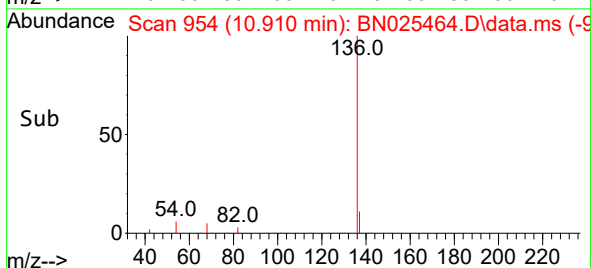
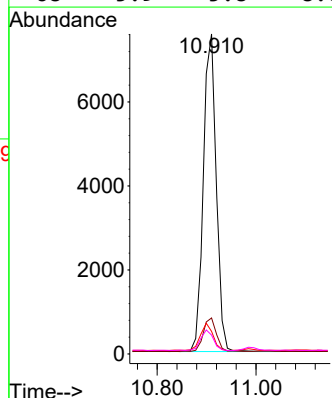
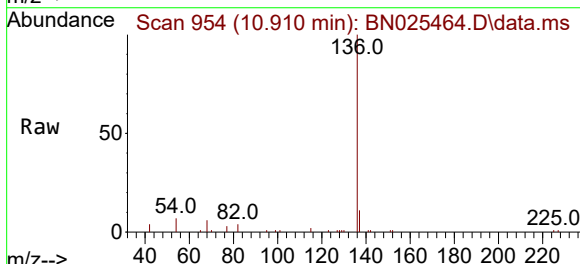
Instrument :
BNA_N
ClientSampleId :
CB-22-K2-SO-30-051623

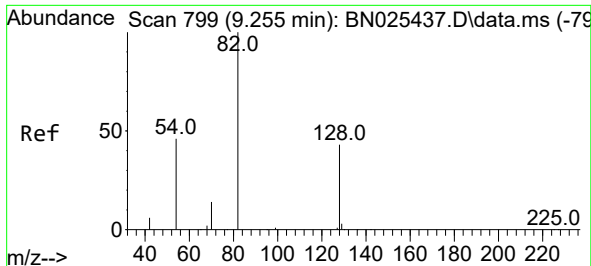
Tgt Ion: 93 Resp: 279
Ion Ratio Lower Upper
93 100
63 8.2 48.5 72.7#
95 10.8 22.0 33.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.910 min Scan# 954
Delta R.T. 0.000 min
Lab File: BN025464.D
Acq: 17 May 2023 21:41

Tgt Ion:136 Resp: 13661
Ion Ratio Lower Upper
136 100
137 11.2 9.4 14.0
54 7.1 7.0 10.4
68 5.9 5.8 8.6

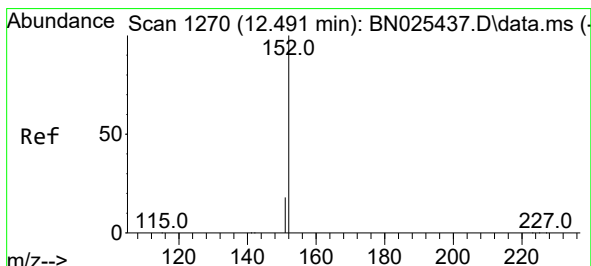
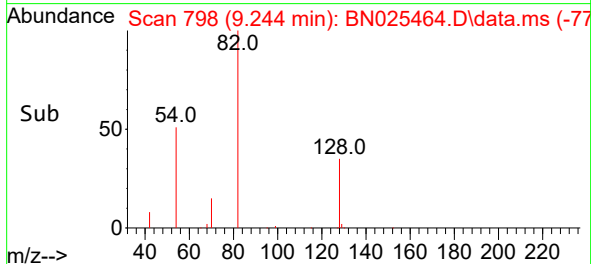
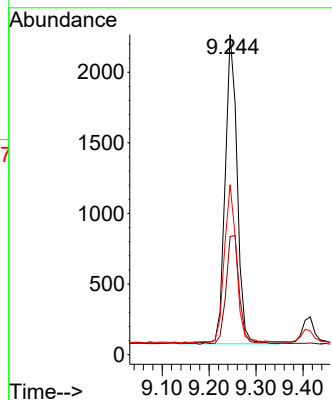
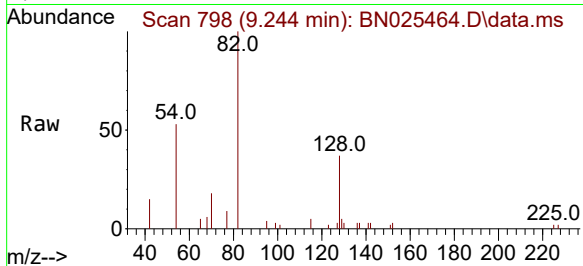




#8
Nitrobenzene-d5
Concen: 0.420 ng
RT: 9.244 min Scan# 799
Delta R.T. 0.000 min
Lab File: BN025464.D
Acq: 17 May 2023 21:41

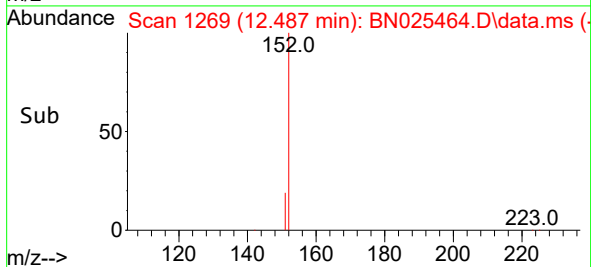
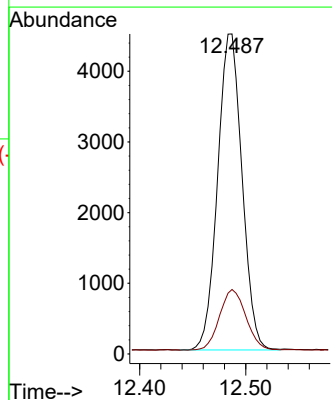
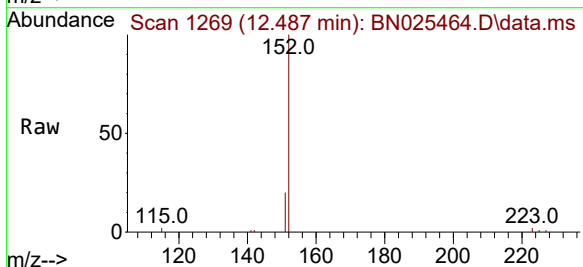
Instrument :
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ClientSampleId :
CB-22-K2-SO-30-051623

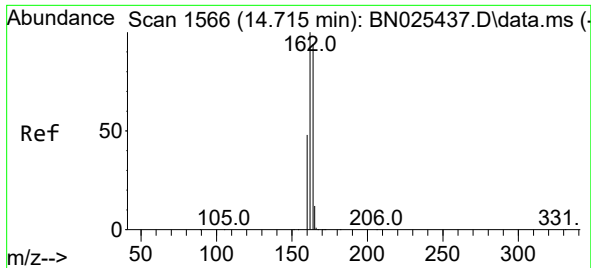
Tgt Ion: 82 Resp: 3919
Ion Ratio Lower Upper
82 100
128 36.9 35.7 53.5
54 53.1 38.6 57.8



#11
2-Methylnaphthalene-d10
Concen: 0.375 ng
RT: 12.487 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BN025464.D
Acq: 17 May 2023 21:41

Tgt Ion: 152 Resp: 7162
Ion Ratio Lower Upper
152 100
151 20.7 16.5 24.7

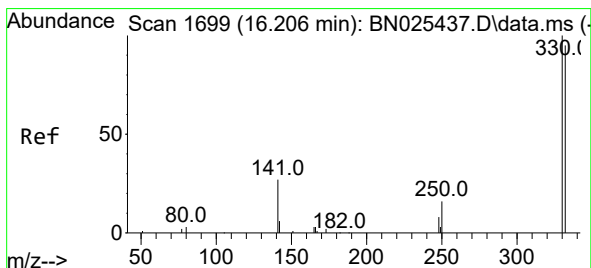
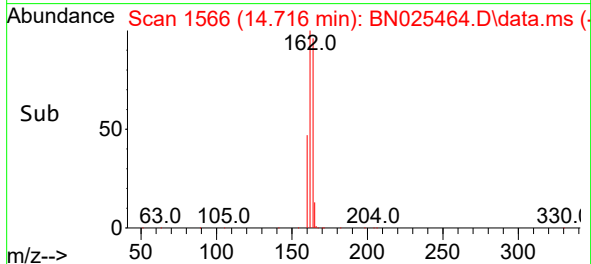
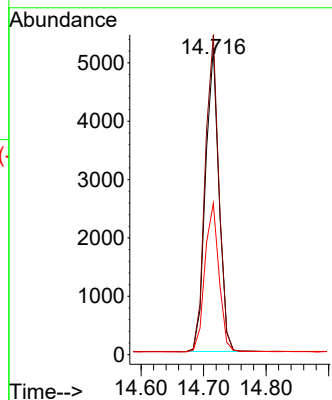
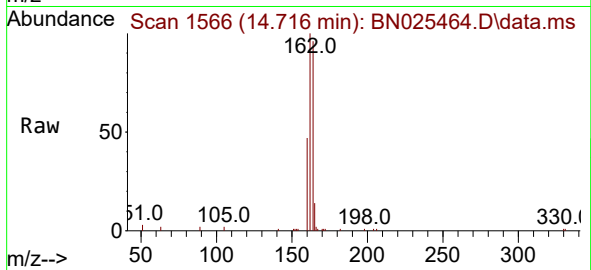




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.716 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN025464.D
Acq: 17 May 2023 21:41

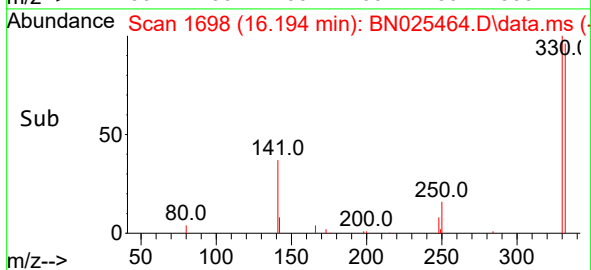
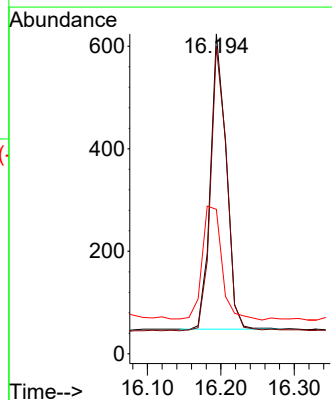
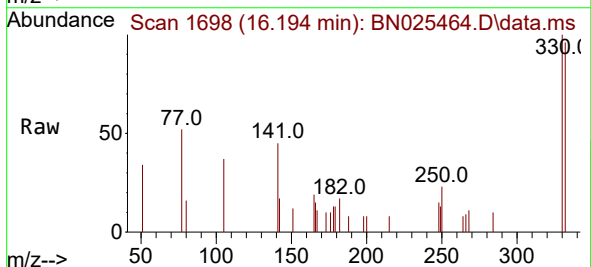
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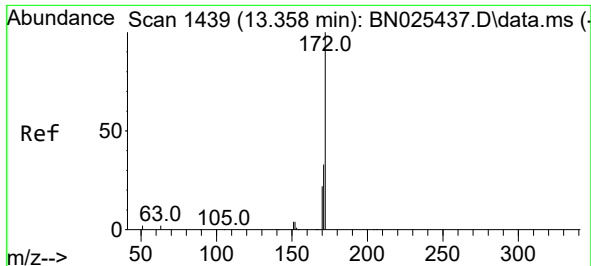
Tgt Ion:164 Resp: 7783
Ion Ratio Lower Upper
164 100
162 104.4 84.8 127.2
160 49.4 40.6 61.0



#14
2,4,6-Tribromophenol
Concen: 0.326 ng
RT: 16.194 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BN025464.D
Acq: 17 May 2023 21:41

Tgt Ion:330 Resp: 859
Ion Ratio Lower Upper
330 100
332 99.1 75.5 113.3
141 48.1 35.3 52.9

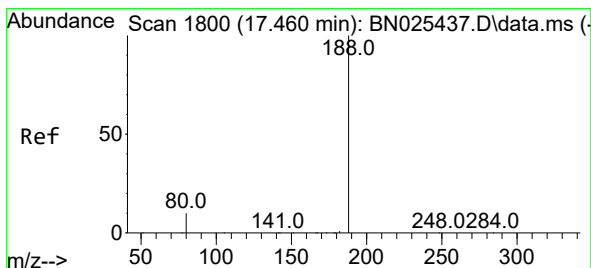
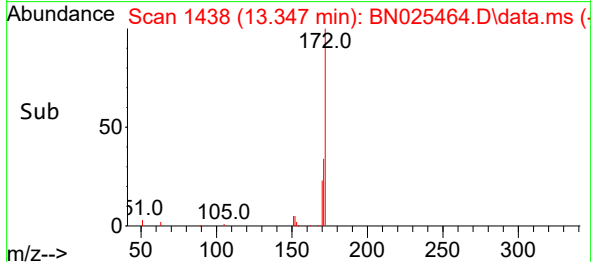
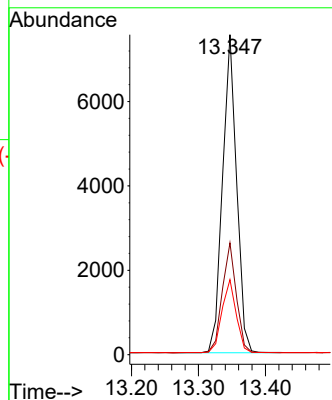
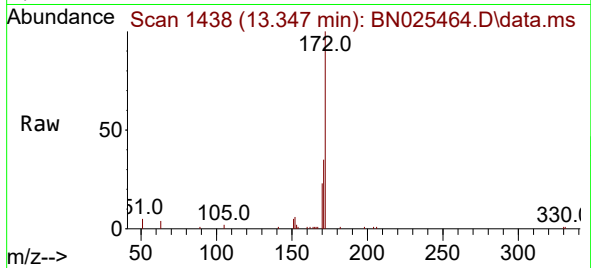




#15
2-Fluorobiphenyl
Concen: 0.386 ng
RT: 13.347 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BN025464.D
Acq: 17 May 2023 21:41

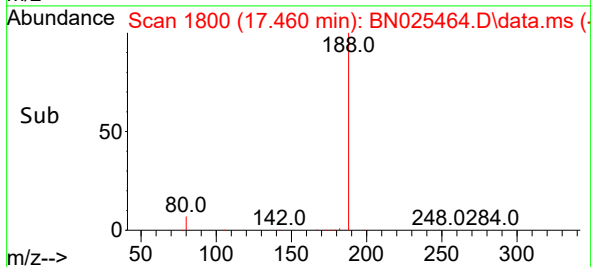
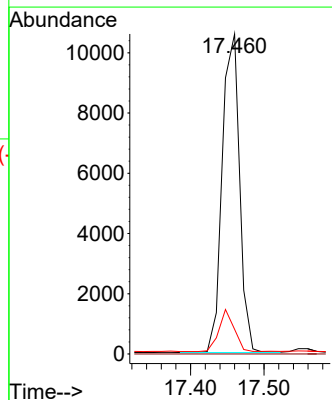
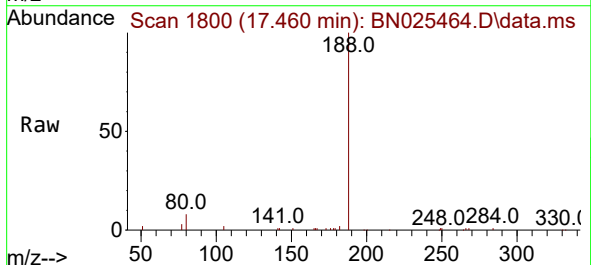
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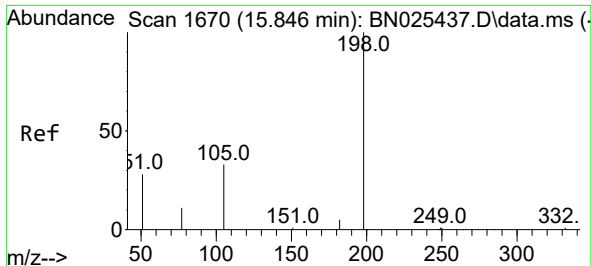
Tgt Ion:172 Resp: 10999
Ion Ratio Lower Upper
172 100
171 34.9 27.0 40.6
170 23.5 18.2 27.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.460 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BN025464.D
Acq: 17 May 2023 21:41

Tgt Ion:188 Resp: 17359
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.7 8.7 13.1#

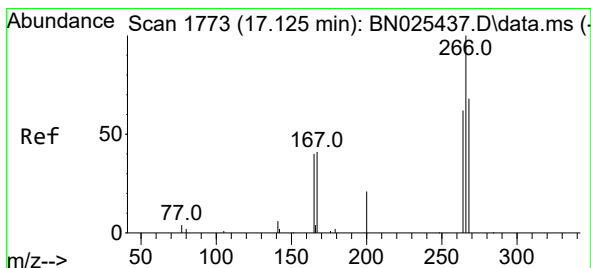
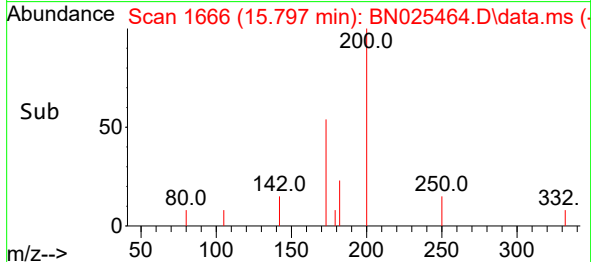
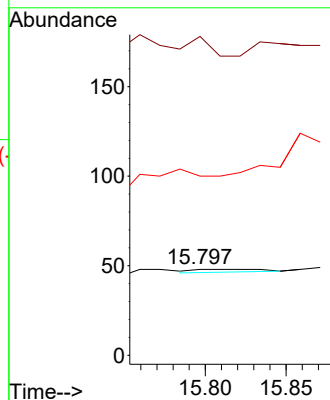
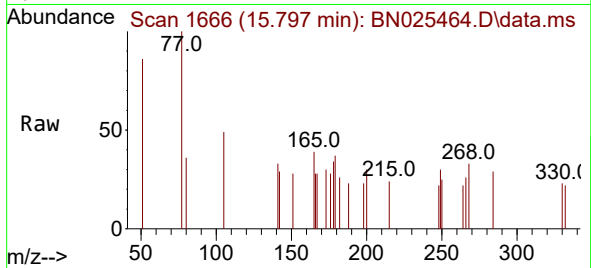




#20
4,6-Dinitro-2-methylphenol
Concen: 0.135 ng
RT: 15.797 min Scan# 1666
Delta R.T. -0.025 min
Lab File: BN025464.D
Acq: 17 May 2023 21:41

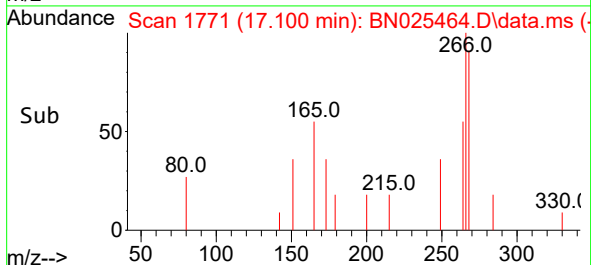
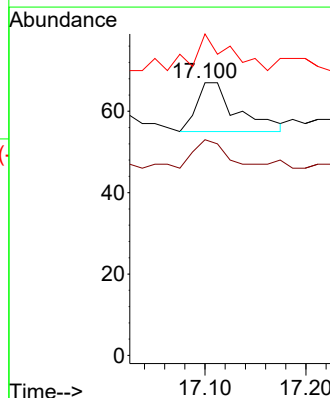
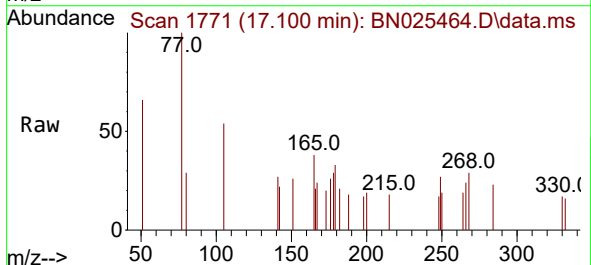
Instrument :
BNA_N
ClientSampleId :
CB-22-K2-SO-30-051623

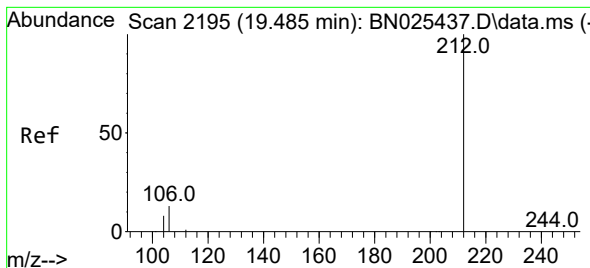
Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 370.8 68.5 102.7#
105 208.3 57.6 86.4#



#24
Pentachlorophenol
Concen: 0.212 ng
RT: 17.100 min Scan# 1771
Delta R.T. -0.012 min
Lab File: BN025464.D
Acq: 17 May 2023 21:41

Tgt Ion:266 Resp: 34
Ion Ratio Lower Upper
266 100
264 50.0 49.5 74.3
268 70.6 51.0 76.4





#27

Fluoranthene-d10

Concen: 0.391 ng

RT: 19.481 min Scan# 2194

Delta R.T. 0.000 min

Lab File: BN025464.D

Acq: 17 May 2023 21:41

Instrument :

BNA_N

ClientSampleId :

CB-22-K2-SO-30-051623

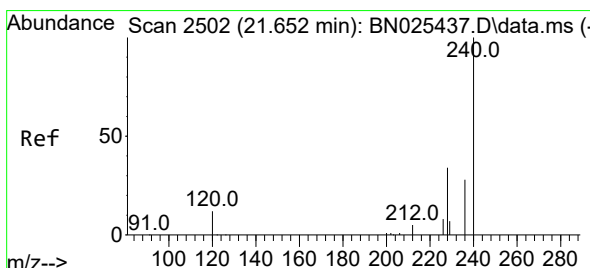
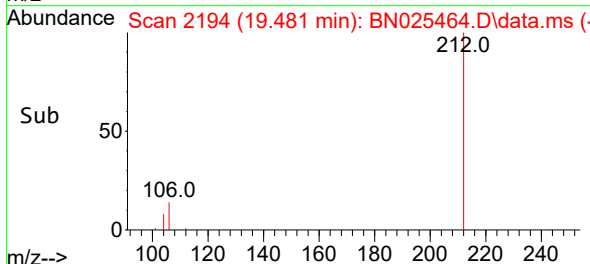
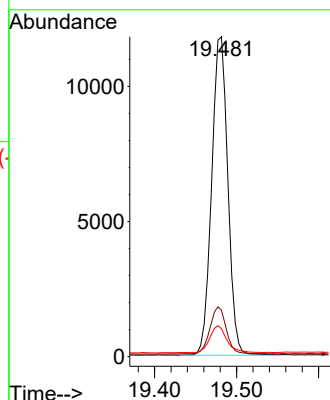
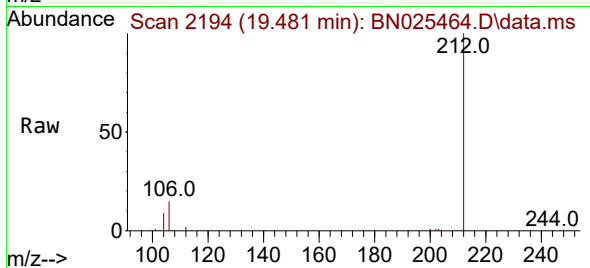
Tgt Ion:212 Resp: 16143

Ion Ratio Lower Upper

212 100

106 14.9 11.1 16.7

104 8.9 6.6 10.0



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.629 min Scan# 2500

Delta R.T. -0.014 min

Lab File: BN025464.D

Acq: 17 May 2023 21:41

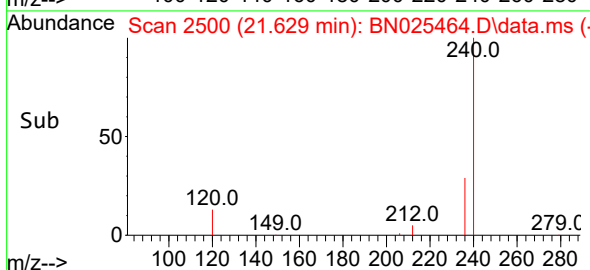
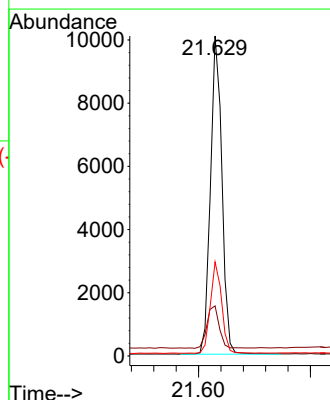
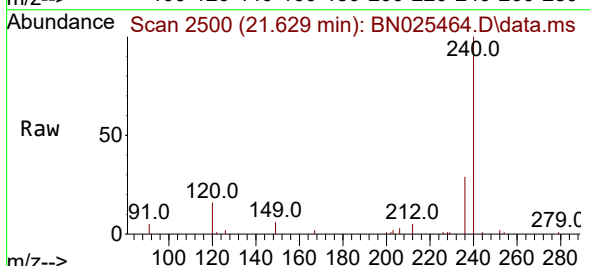
Tgt Ion:240 Resp: 14276

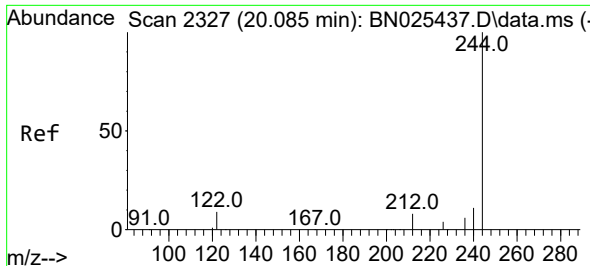
Ion Ratio Lower Upper

240 100

120 15.6 11.6 17.4

236 29.4 22.9 34.3

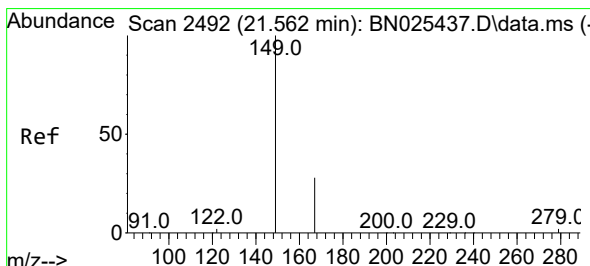
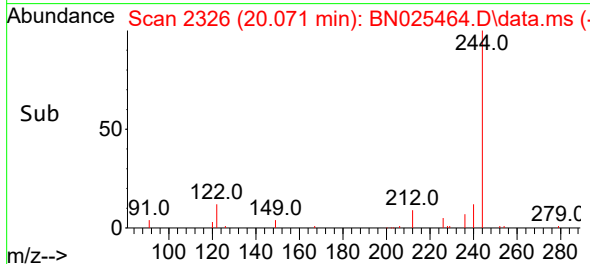
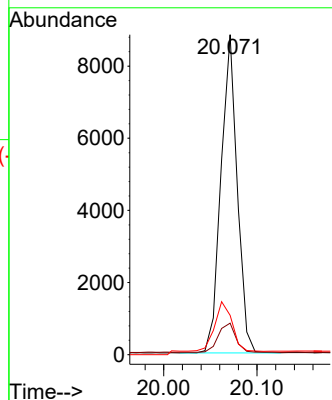
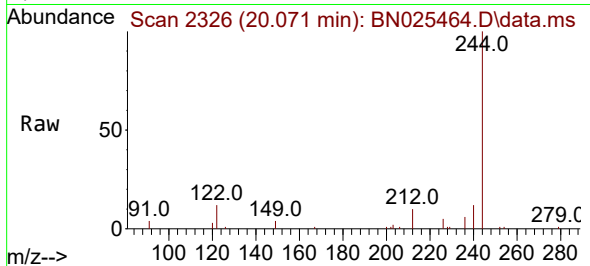




#31
 Terphenyl-d14
 Concen: 0.411 ng
 RT: 20.071 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN025464.D
 Acq: 17 May 2023 21:41

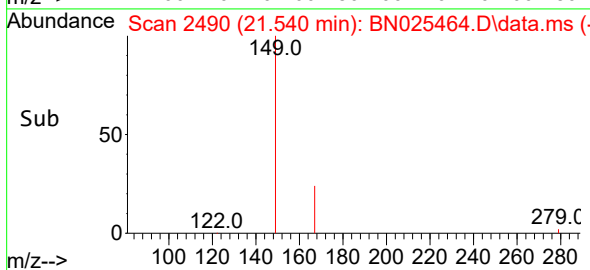
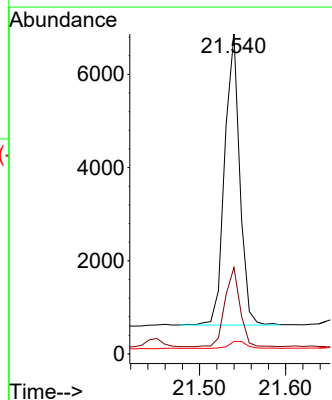
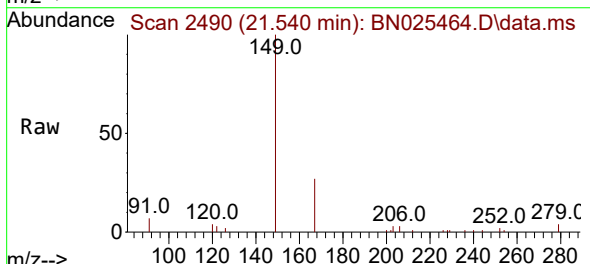
Instrument :
 BNA_N
 ClientSampleId :
 CB-22-K2-SO-30-051623

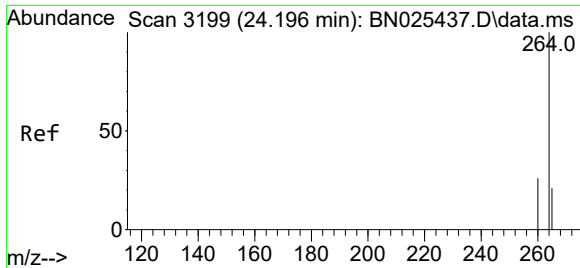
Tgt Ion:244 Resp: 10654
 Ion Ratio Lower Upper
 244 100
 212 9.9 6.9 10.3
 122 12.3 7.4 11.2#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.258 ng
 RT: 21.540 min Scan# 2490
 Delta R.T. -0.014 min
 Lab File: BN025464.D
 Acq: 17 May 2023 21:41

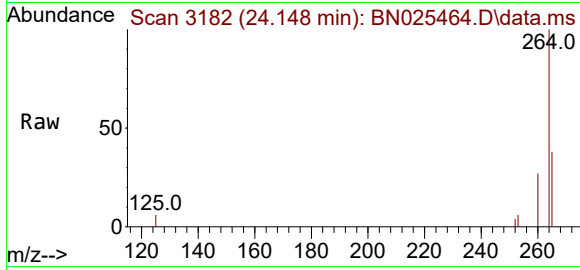
Tgt Ion:149 Resp: 7560
 Ion Ratio Lower Upper
 149 100
 167 27.0 22.2 33.4
 279 2.9 2.5 3.7





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.148 min Scan# 31
 Delta R.T. -0.031 min
 Lab File: BN025464.D
 Acq: 17 May 2023 21:41

Instrument :
 BNA_N
 ClientSampleId :
 CB-22-K2-SO-30-051623



Tgt Ion:264 Resp: 14958

Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.0	31.6
265	38.5	25.5	38.3#

