

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051723\
 Data File : BN025462.D
 Acq On : 17 May 2023 20:30
 Operator : CG/JU
 Sample : 02816-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB-22-K2-SO-18-051623

Quant Time: May 18 03:41:43 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)

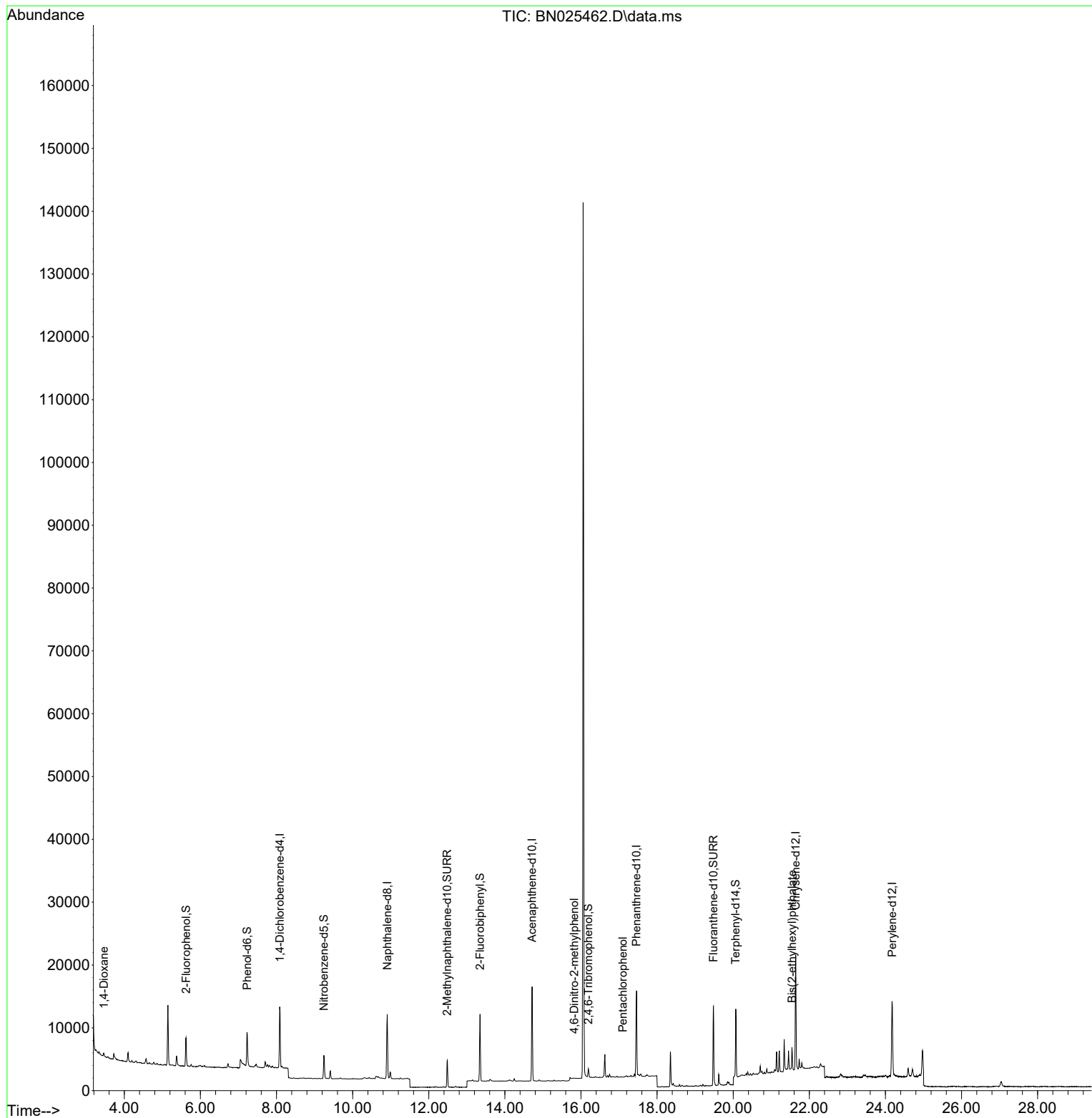
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.084	152	4866	0.400	ng	0.00
7) Naphthalene-d8	10.910	136	13853	0.400	ng	0.00
13) Acenaphthene-d10	14.716	164	8211	0.400	ng	0.00
19) Phenanthrene-d10	17.460	188	18867	0.400	ng	# 0.00
29) Chrysene-d12	21.643	240	16960	0.400	ng	0.00
35) Perylene-d12	24.176	264	17603	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.622	112	3770	0.361	ng	0.00
5) Phenol-d6	7.232	99	5132	0.366	ng	0.00
8) Nitrobenzene-d5	9.244	82	3055	0.323	ng	0.00
11) 2-Methylnaphthalene-d10	12.487	152	5768	0.298	ng	0.00
14) 2,4,6-Tribromophenol	16.194	330	670	0.241	ng	0.00
15) 2-Fluorobiphenyl	13.347	172	8849	0.295	ng	0.00
27) Fluoranthene-d10	19.481	212	13700	0.305	ng	0.00
31) Terphenyl-d14	20.067	244	9252	0.300	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.462	88	376	0.083	ng	# 48
6) bis(2-Chloroethyl)ether	7.434	93	362	Below Cal		# 32
20) 4,6-Dinitro-2-methylph...	15.821	198	5	0.135	ng	# 1
24) Pentachlorophenol	17.100	266	10	0.207	ng	# 19
34) Bis(2-ethylhexyl)phtha...	21.545	149	3604	0.103	ng	99

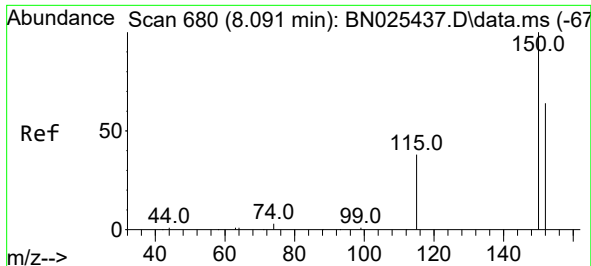
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051723\
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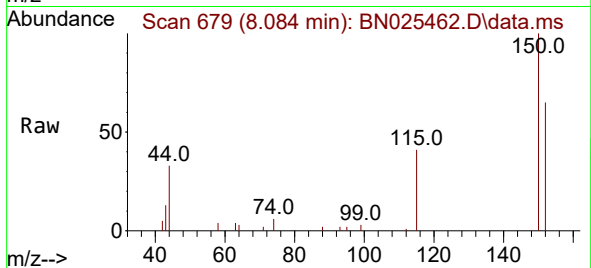
Quant Time: May 18 03:41:43 2023
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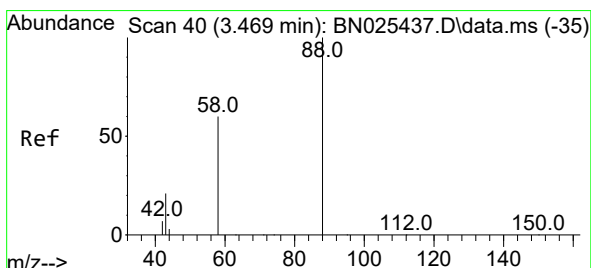
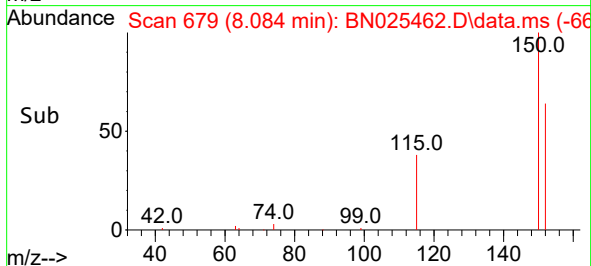
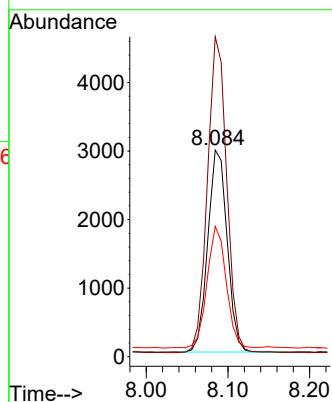
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.084 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN025462.D
 Acq: 17 May 2023 20:30

Instrument :
 BNA_N
 ClientSampleId :
 CB-22-K2-SO-18-051623



Tgt Ion: 152 Resp: 4866

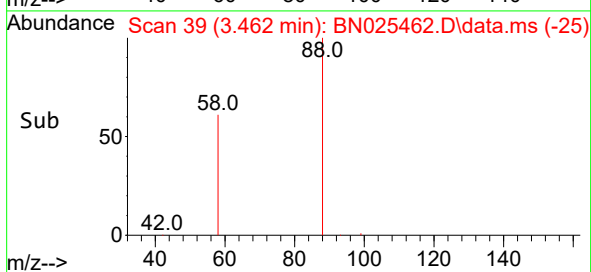
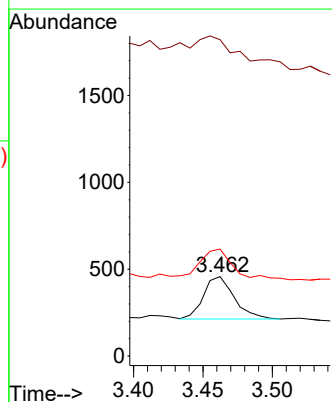
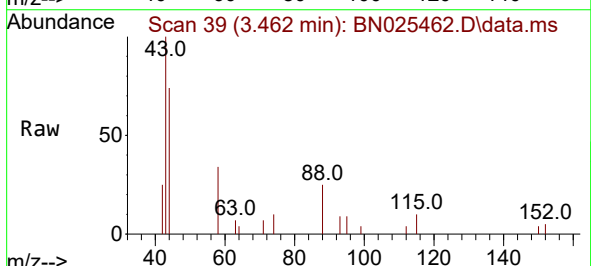
Ion	Ratio	Lower	Upper
152	100		
150	154.8	123.7	185.5
115	63.0	50.0	75.0

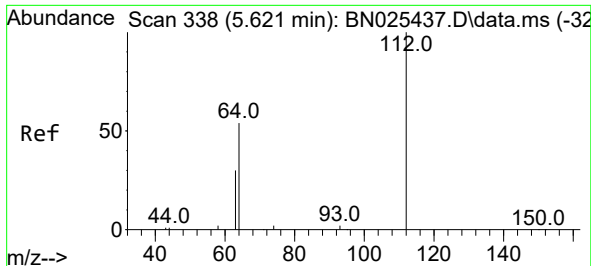


#2
 1,4-Dioxane
 Concen: 0.083 ng
 RT: 3.462 min Scan# 39
 Delta R.T. 0.000 min
 Lab File: BN025462.D
 Acq: 17 May 2023 20:30

Tgt Ion: 88 Resp: 376

Ion	Ratio	Lower	Upper
88	100		
43	108.5	25.1	37.7#
58	80.1	55.5	83.3

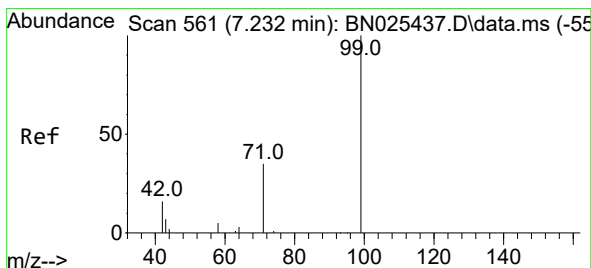
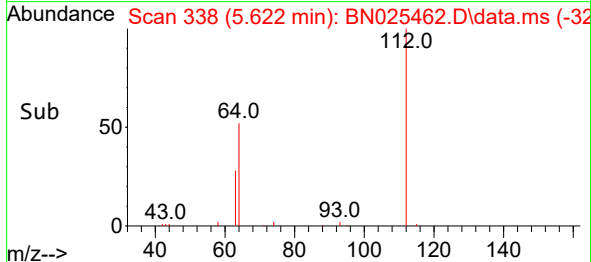
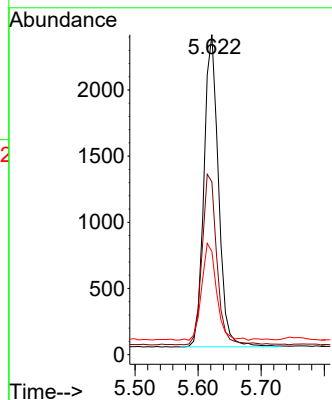
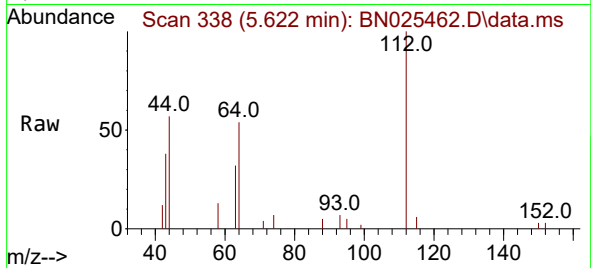




#4
2-Fluorophenol
Concen: 0.361 ng
RT: 5.622 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN025462.D
Acq: 17 May 2023 20:30

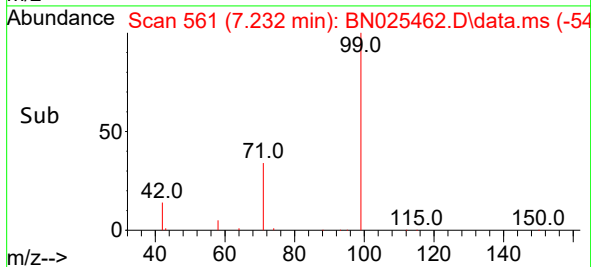
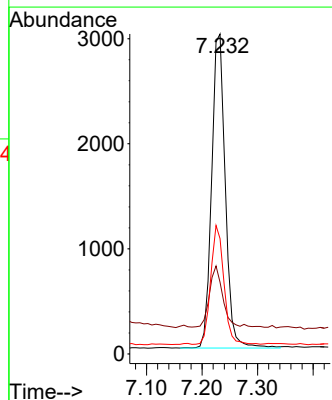
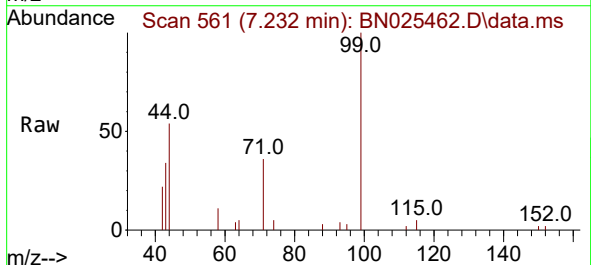
Instrument :
BNA_N
ClientSampleId :
CB-22-K2-SO-18-051623

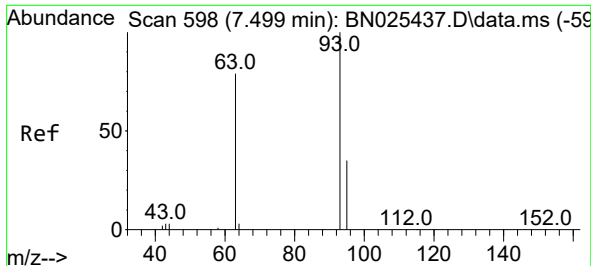
Tgt Ion:112 Resp: 3770
Ion Ratio Lower Upper
112 100
64 55.7 43.9 65.9
63 31.7 25.0 37.4



#5
Phenol-d6
Concen: 0.366 ng
RT: 7.232 min Scan# 561
Delta R.T. 0.007 min
Lab File: BN025462.D
Acq: 17 May 2023 20:30

Tgt Ion: 99 Resp: 5132
Ion Ratio Lower Upper
99 100
42 18.5 16.4 24.6
71 36.6 29.4 44.0

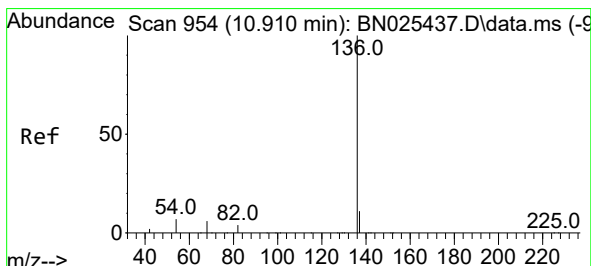
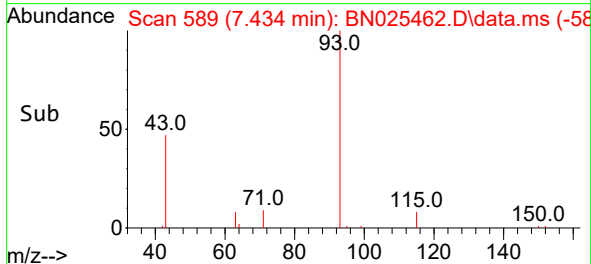
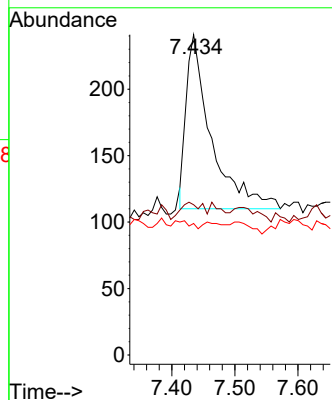
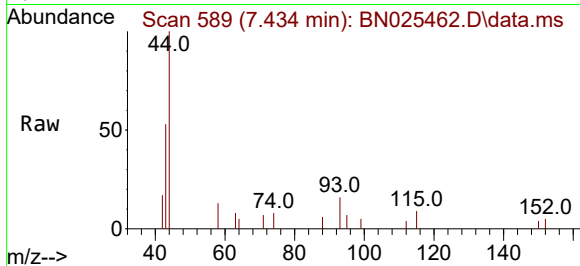




#6
bis(2-Chloroethyl)ether
Concen: Below Cal
RT: 7.434 min Scan# 51
Delta R.T. -0.065 min
Lab File: BN025462.D
Acq: 17 May 2023 20:30

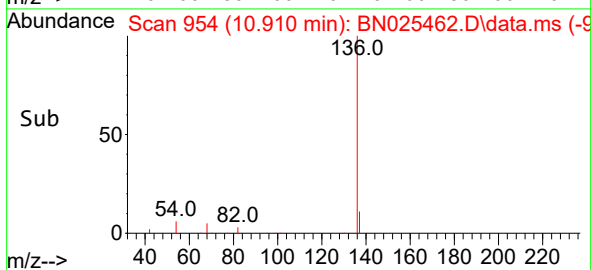
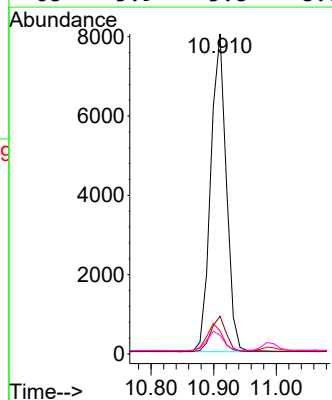
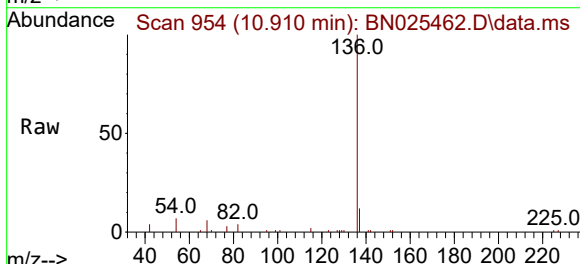
Instrument :
BNA_N
ClientSampleId :
CB-22-K2-SO-18-051623

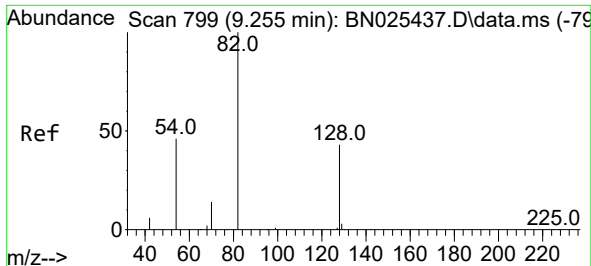
Tgt Ion: 93 Resp: 362
Ion Ratio Lower Upper
93 100
63 4.1 48.5 72.7#
95 0.0 22.0 33.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.910 min Scan# 954
Delta R.T. 0.000 min
Lab File: BN025462.D
Acq: 17 May 2023 20:30

Tgt Ion:136 Resp: 13853
Ion Ratio Lower Upper
136 100
137 11.8 9.4 14.0
54 7.2 7.0 10.4
68 5.9 5.8 8.6

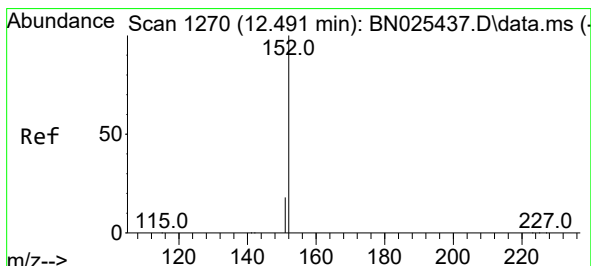
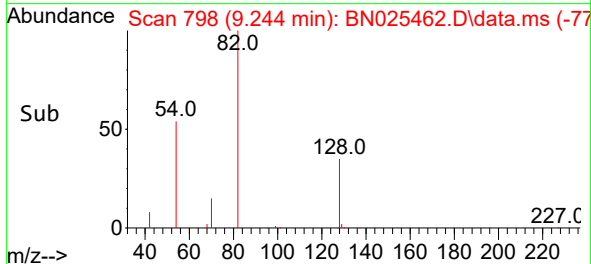
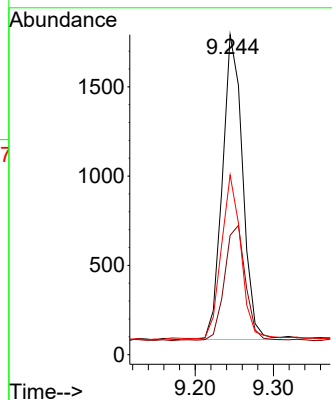
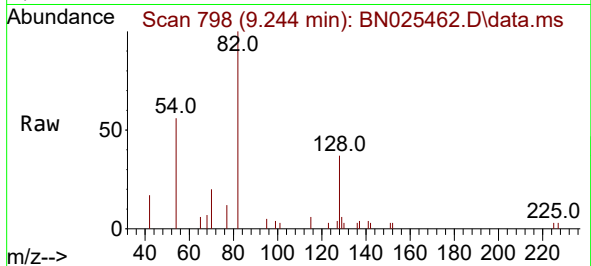




#8
Nitrobenzene-d5
Concen: 0.323 ng
RT: 9.244 min Scan# 79
Delta R.T. 0.000 min
Lab File: BN025462.D
Acq: 17 May 2023 20:30

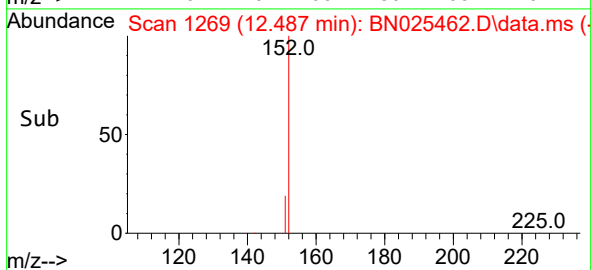
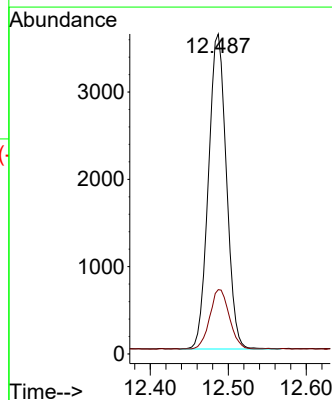
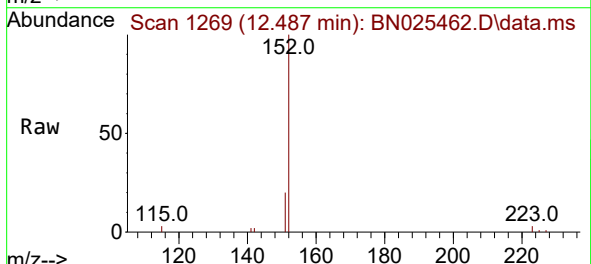
Instrument :
BNA_N
ClientSampleId :
CB-22-K2-SO-18-051623

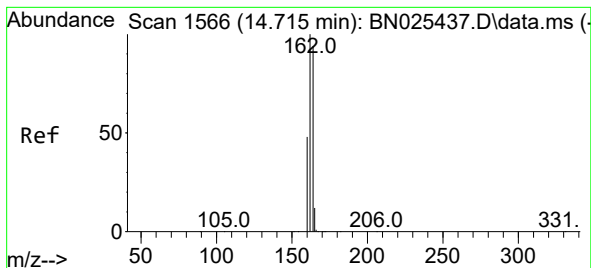
Tgt Ion: 82 Resp: 3055
Ion Ratio Lower Upper
82 100
128 37.3 35.7 53.5
54 56.1 38.6 57.8



#11
2-Methylnaphthalene-d10
Concen: 0.298 ng
RT: 12.487 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BN025462.D
Acq: 17 May 2023 20:30

Tgt Ion:152 Resp: 5768
Ion Ratio Lower Upper
152 100
151 20.6 16.5 24.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.716 min Scan# 1566

Delta R.T. 0.000 min

Lab File: BN025462.D

Acq: 17 May 2023 20:30

Instrument :

BNA_N

ClientSampleId :

CB-22-K2-SO-18-051623

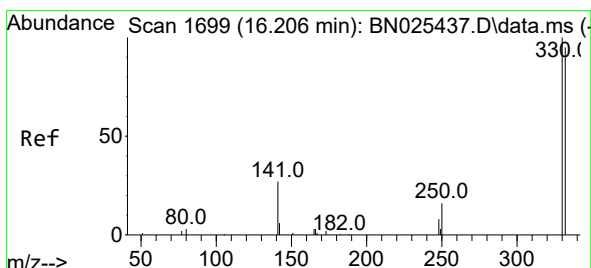
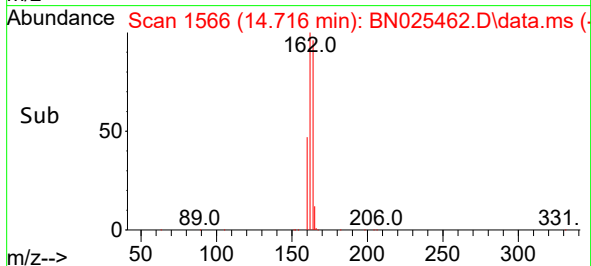
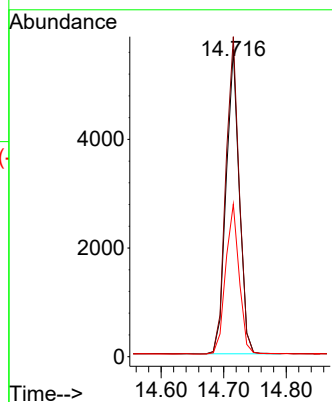
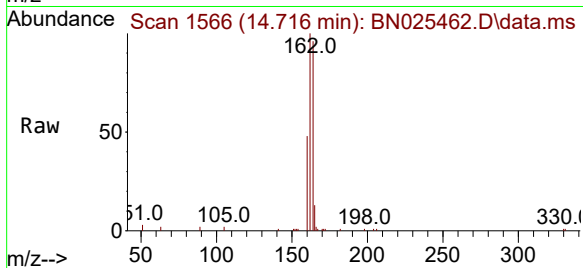
Tgt Ion:164 Resp: 8211

Ion Ratio Lower Upper

164 100

162 104.2 84.8 127.2

160 49.6 40.6 61.0



#14

2,4,6-Tribromophenol

Concen: 0.241 ng

RT: 16.194 min Scan# 1698

Delta R.T. 0.000 min

Lab File: BN025462.D

Acq: 17 May 2023 20:30

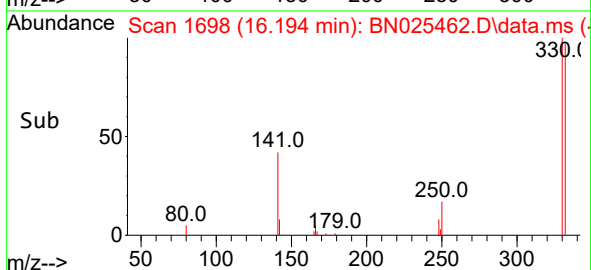
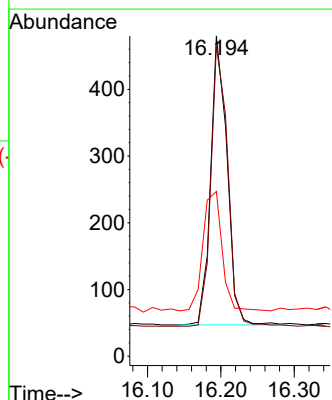
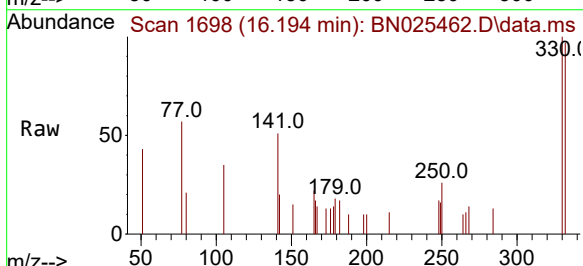
Tgt Ion:330 Resp: 670

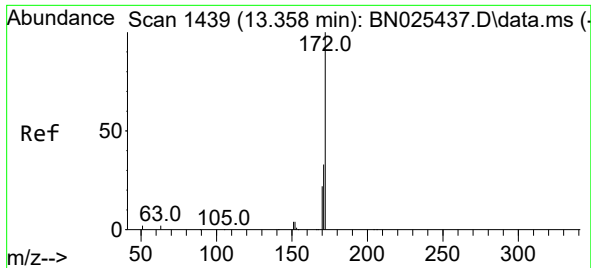
Ion Ratio Lower Upper

330 100

332 100.3 75.5 113.3

141 48.1 35.3 52.9

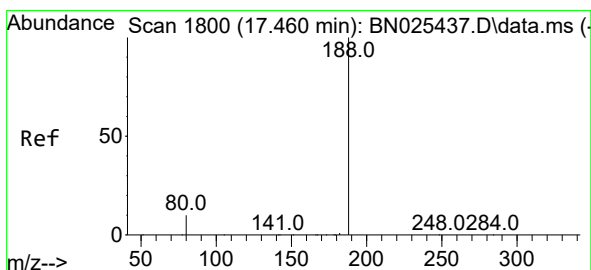
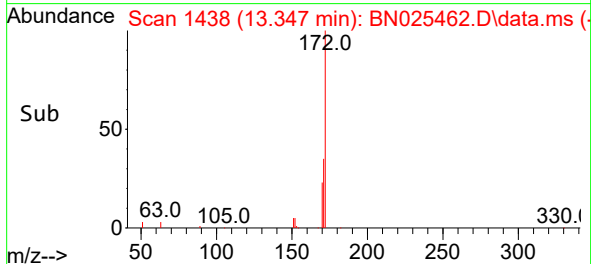
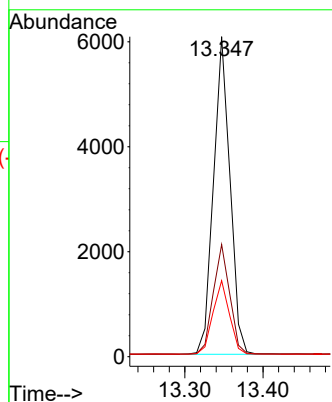
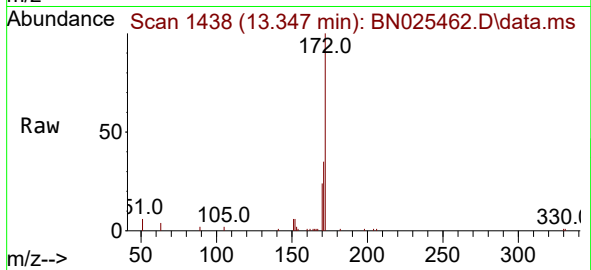




#15
2-Fluorobiphenyl
Concen: 0.295 ng
RT: 13.347 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BN025462.D
Acq: 17 May 2023 20:30

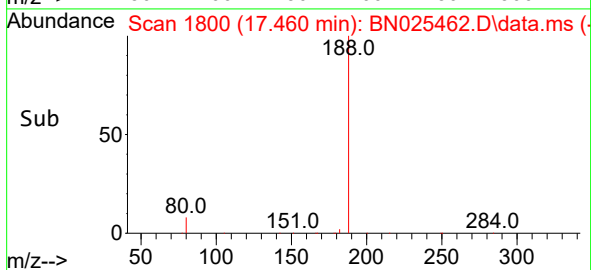
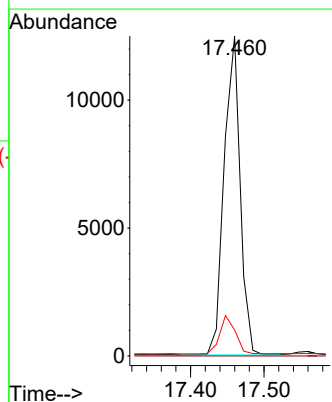
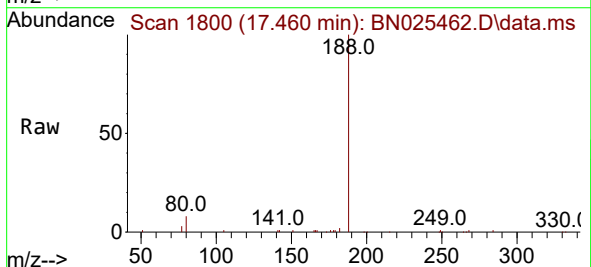
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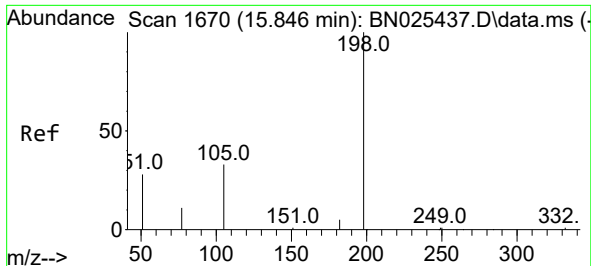
Tgt Ion:172 Resp: 8849
Ion Ratio Lower Upper
172 100
171 35.0 27.0 40.6
170 23.7 18.2 27.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.460 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BN025462.D
Acq: 17 May 2023 20:30

Tgt Ion:188 Resp: 18867
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.1 8.7 13.1#

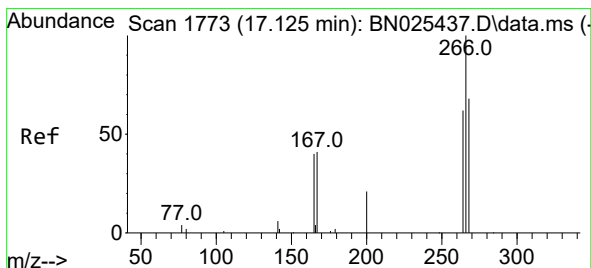
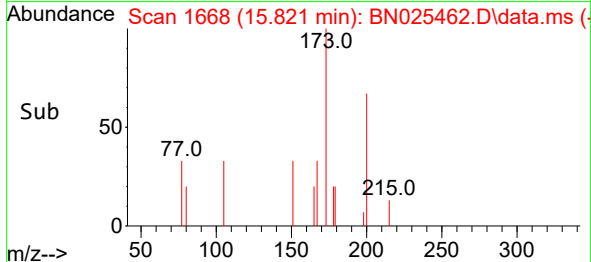
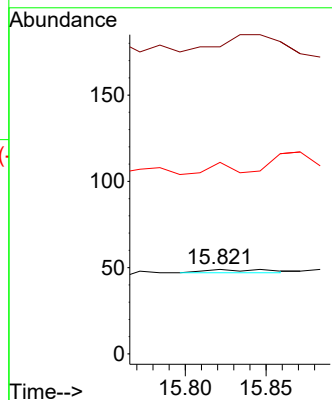
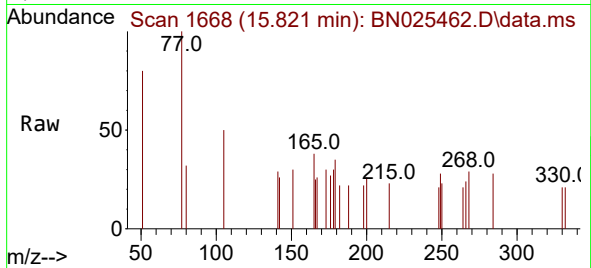




#20
4,6-Dinitro-2-methylphenol
Concen: 0.135 ng
RT: 15.821 min Scan# 1668
Delta R.T. 0.000 min
Lab File: BN025462.D
Acq: 17 May 2023 20:30

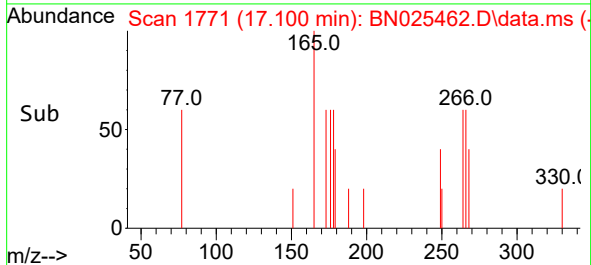
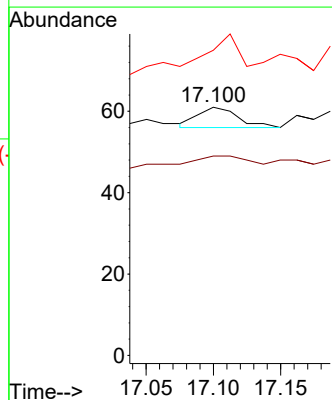
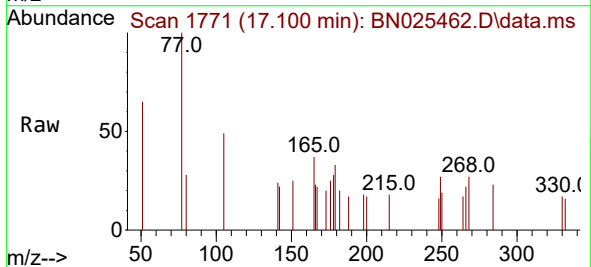
Instrument :
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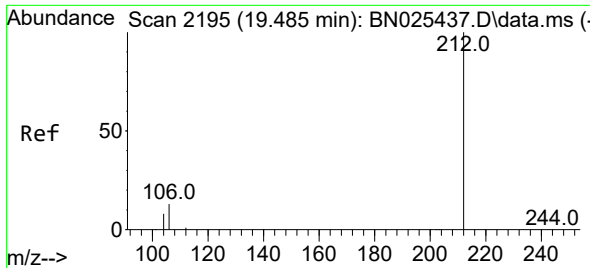
Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 363.3 68.5 102.7#
105 226.5 57.6 86.4#



#24
Pentachlorophenol
Concen: 0.207 ng
RT: 17.100 min Scan# 1771
Delta R.T. -0.012 min
Lab File: BN025462.D
Acq: 17 May 2023 20:30

Tgt Ion:266 Resp: 10
Ion Ratio Lower Upper
266 100
264 100.0 49.5 74.3#
268 150.0 51.0 76.4#

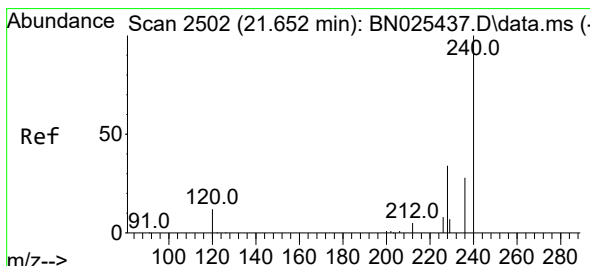
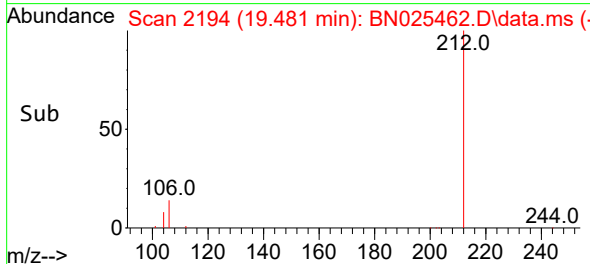
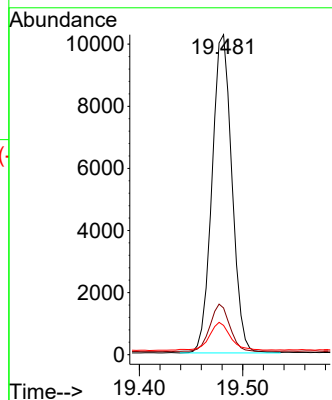
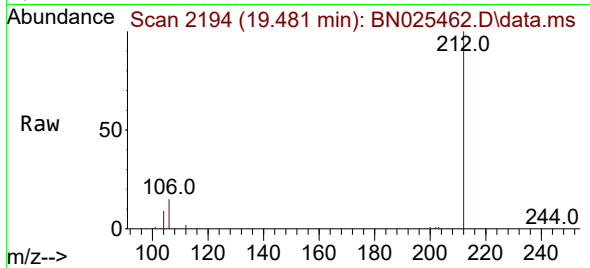




#27
Fluoranthene-d10
Concen: 0.305 ng
RT: 19.481 min Scan# 2194
Delta R.T. 0.000 min
Lab File: BN025462.D
Acq: 17 May 2023 20:30

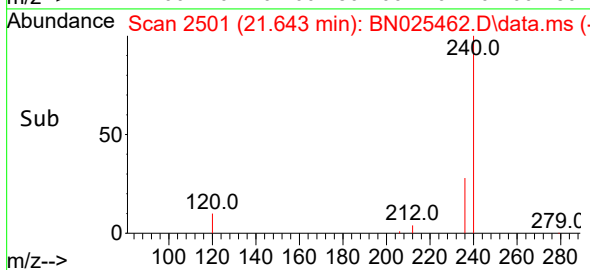
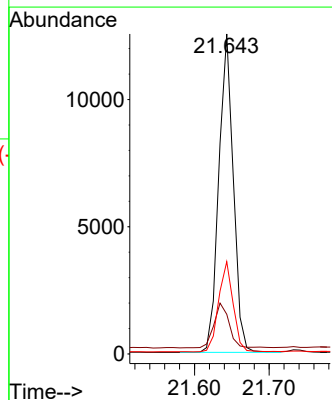
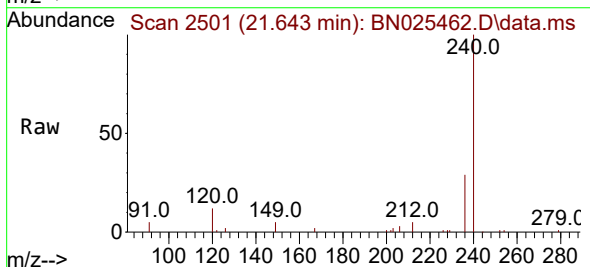
Instrument :
BNA_N
ClientSampleId :
CB-22-K2-SO-18-051623

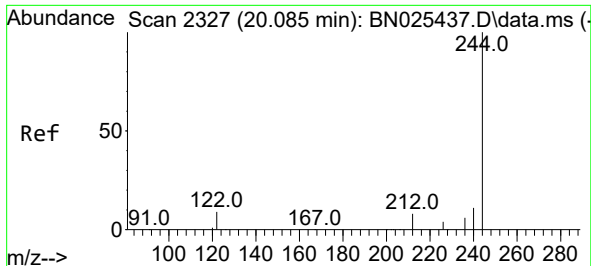
Tgt Ion:212 Resp: 13700
Ion Ratio Lower Upper
212 100
106 15.1 11.1 16.7
104 9.6 6.6 10.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.643 min Scan# 2501
Delta R.T. 0.000 min
Lab File: BN025462.D
Acq: 17 May 2023 20:30

Tgt Ion:240 Resp: 16960
Ion Ratio Lower Upper
240 100
120 12.4 11.6 17.4
236 28.9 22.9 34.3

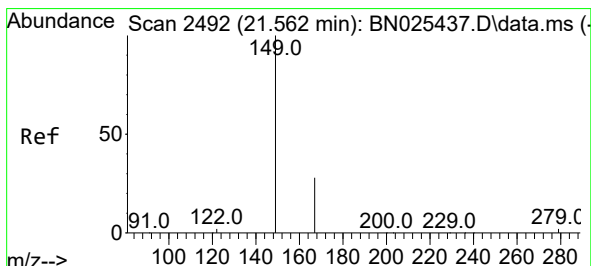
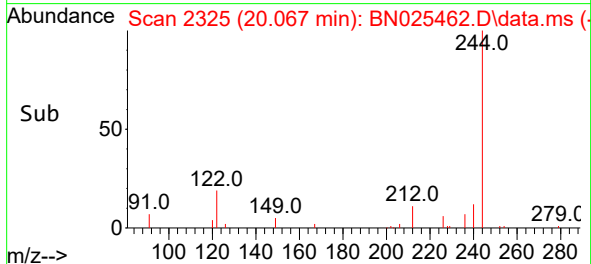
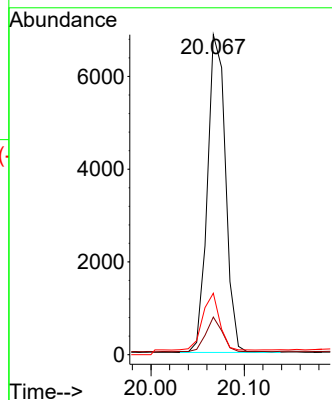
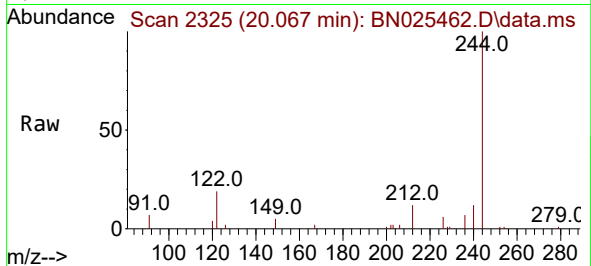




#31
 Terphenyl-d14
 Concen: 0.300 ng
 RT: 20.067 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN025462.D
 Acq: 17 May 2023 20:30

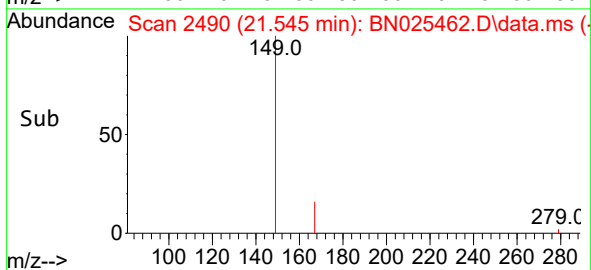
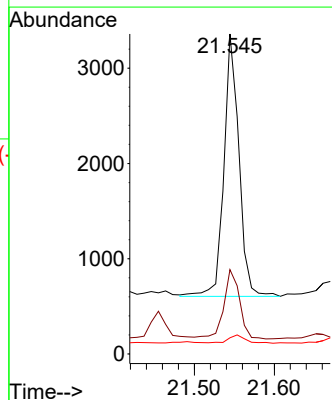
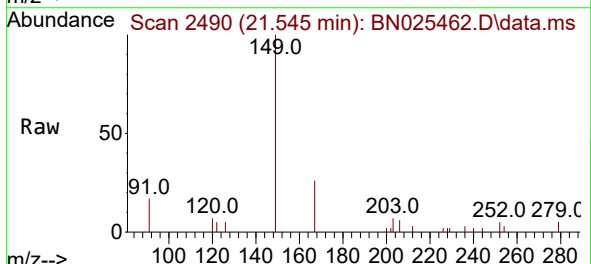
Instrument :
 BNA_N
 ClientSampleId :
 CB-22-K2-SO-18-051623

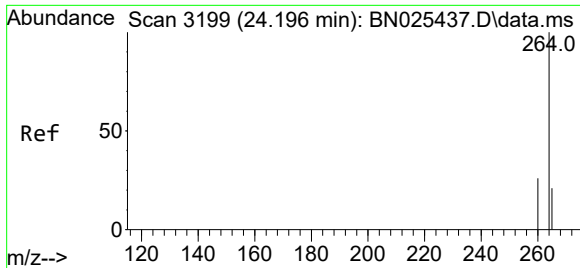
Tgt Ion:244 Resp: 9252
 Ion Ratio Lower Upper
 244 100
 212 11.8 6.9 10.3#
 122 19.2 7.4 11.2#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.103 ng
 RT: 21.545 min Scan# 2490
 Delta R.T. -0.009 min
 Lab File: BN025462.D
 Acq: 17 May 2023 20:30

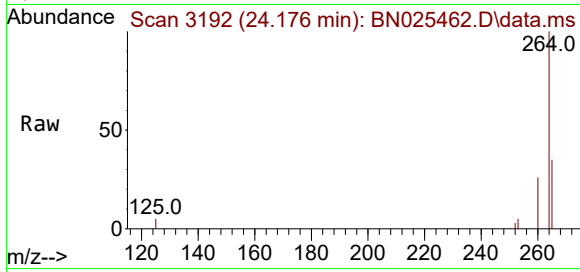
Tgt Ion:149 Resp: 3604
 Ion Ratio Lower Upper
 149 100
 167 27.4 22.2 33.4
 279 3.4 2.5 3.7





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.176 min Scan# 31
Delta R.T. -0.003 min
Lab File: BN025462.D
Acq: 17 May 2023 20:30

Instrument :
BNA_N
ClientSampleId :
CB-22-K2-SO-18-051623



Tgt Ion:264 Resp: 17603

Ion	Ratio	Lower	Upper
264	100		
260	26.4	21.0	31.6
265	35.0	25.5	38.3

