

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051723\
 Data File : BN025463.D
 Acq On : 17 May 2023 21:05
 Operator : CG/JU
 Sample : 02816-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB-22-K2-SO-24-051623

Quant Time: May 18 03:41:53 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)

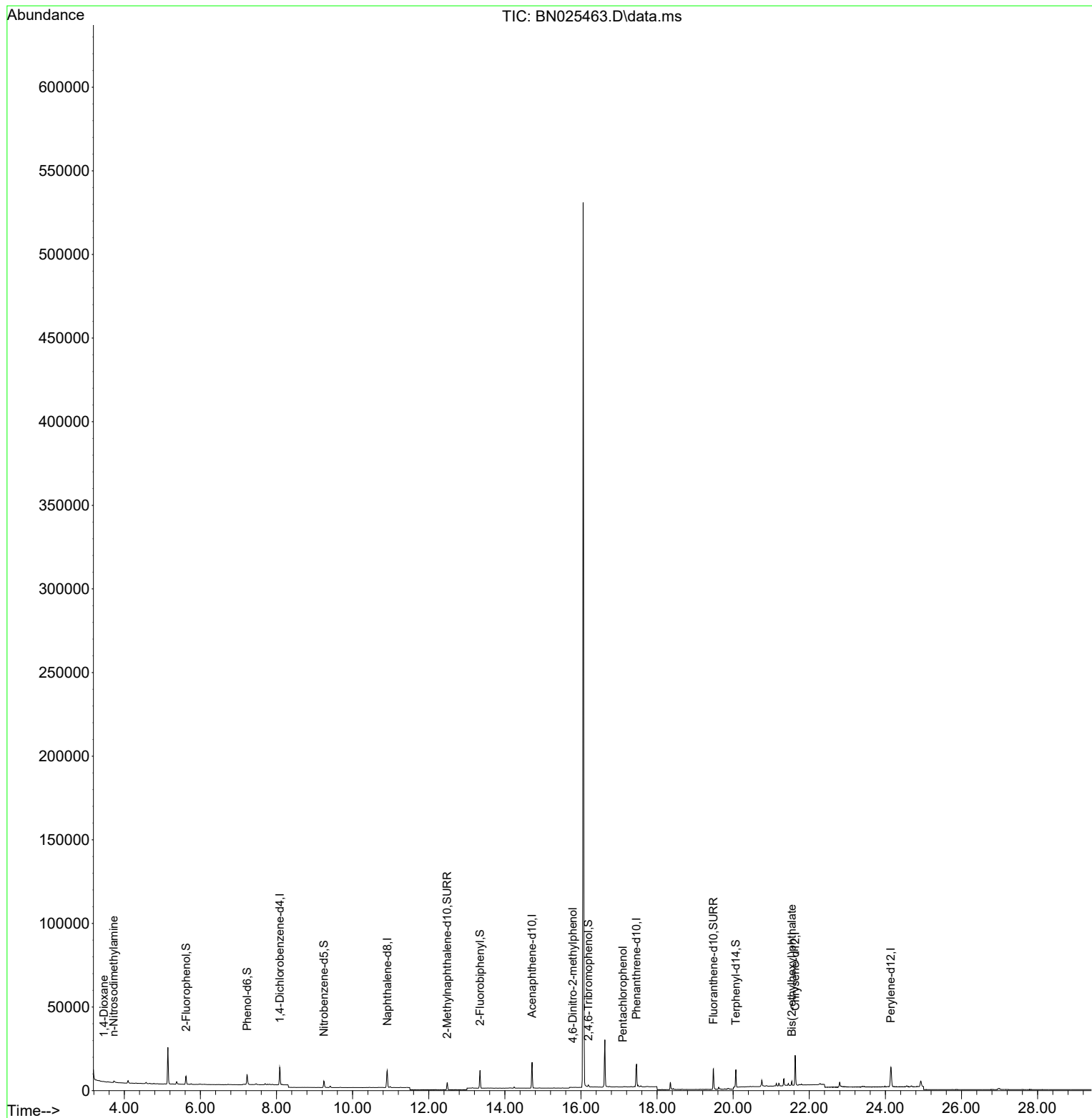
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.084	152	5167	0.400	ng	0.00
7) Naphthalene-d8	10.910	136	14473	0.400	ng	0.00
13) Acenaphthene-d10	14.715	164	8541	0.400	ng	0.00
19) Phenanthrene-d10	17.460	188	19477	0.400	ng	# 0.00
29) Chrysene-d12	21.629	240	16454	0.400	ng	-0.01
35) Perylene-d12	24.145	264	17644	0.400	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.622	112	4024	0.363	ng	0.00
5) Phenol-d6	7.232	99	5519	0.371	ng	0.00
8) Nitrobenzene-d5	9.244	82	3158	0.319	ng	0.00
11) 2-Methylnaphthalene-d10	12.483	152	5611	0.277	ng	0.00
14) 2,4,6-Tribromophenol	16.194	330	570	0.197	ng	0.00
15) 2-Fluorobiphenyl	13.347	172	8847	0.283	ng	0.00
27) Fluoranthene-d10	19.481	212	13578	0.293	ng	0.00
31) Terphenyl-d14	20.071	244	8884	0.297	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.462	88	109	0.023	ng	# 73
3) n-Nitrosodimethylamine	3.722	42	280	0.026	ng	# 1
6) bis(2-Chloroethyl)ether	7.442	93	211	Below Cal		# 41
20) 4,6-Dinitro-2-methylph...	15.784	198	1	0.133	ng	# 1
24) Pentachlorophenol	17.100	266	28	0.210	ng	90
34) Bis(2-ethylhexyl)phtha...	21.540	149	2293	0.068	ng	99

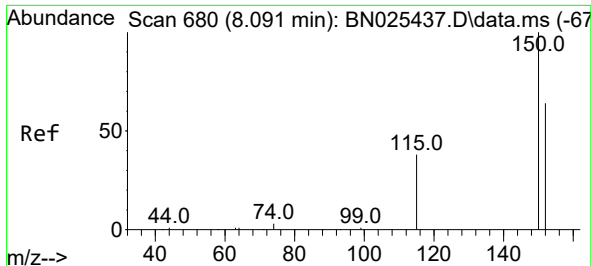
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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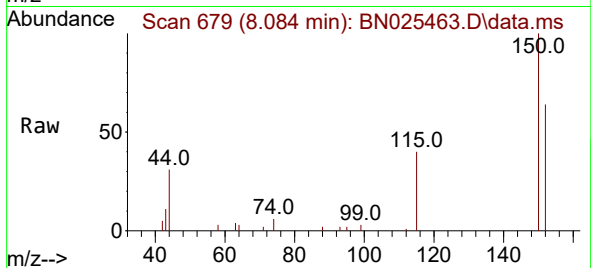
Quant Time: May 18 03:41:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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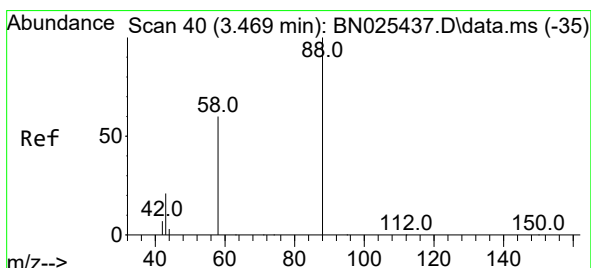
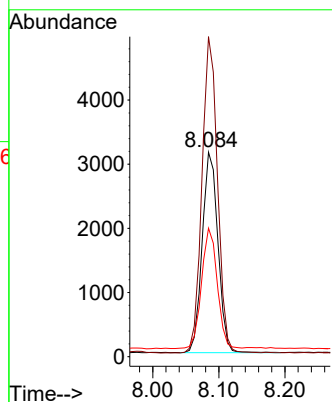
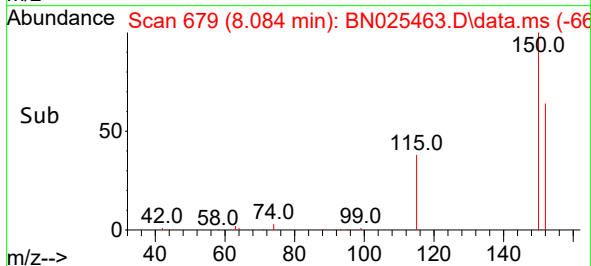


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.084 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN025463.D
 Acq: 17 May 2023 21:05

Instrument :
 BNA_N
 ClientSampleId :
 CB-22-K2-SO-24-051623

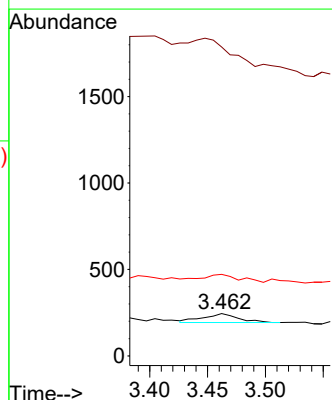
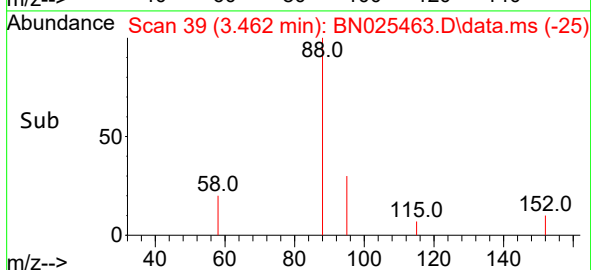
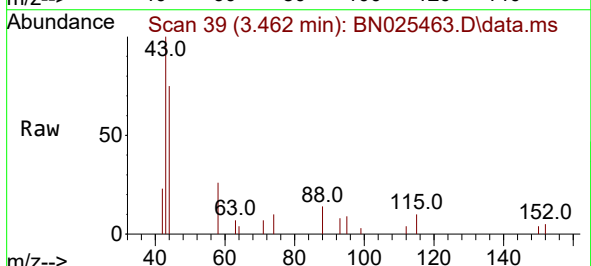


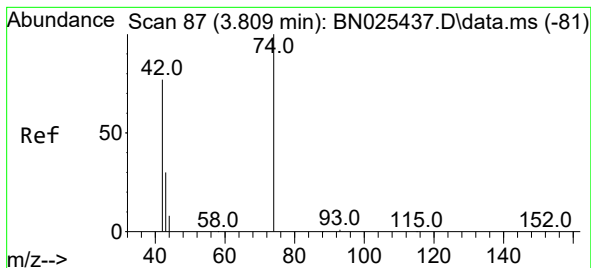
Tgt Ion:152 Resp: 5167
 Ion Ratio Lower Upper
 152 100
 150 156.5 123.7 185.5
 115 62.8 50.0 75.0



#2
 1,4-Dioxane
 Concen: 0.023 ng
 RT: 3.462 min Scan# 39
 Delta R.T. 0.000 min
 Lab File: BN025463.D
 Acq: 17 May 2023 21:05

Tgt Ion: 88 Resp: 109
 Ion Ratio Lower Upper
 88 100
 43 0.0 25.1 37.7#
 58 80.7 55.5 83.3

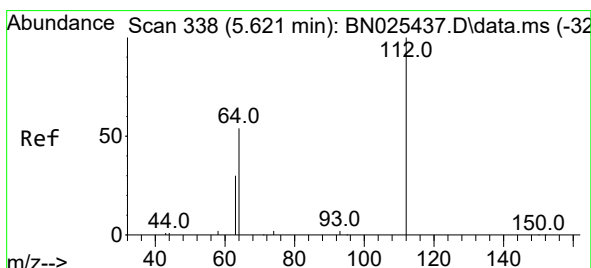
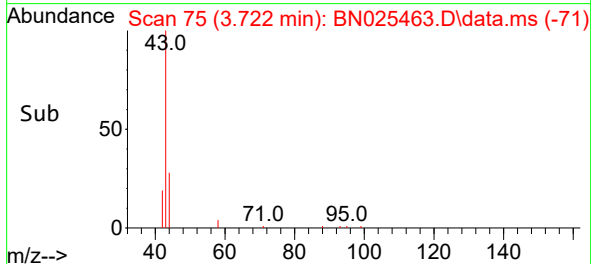
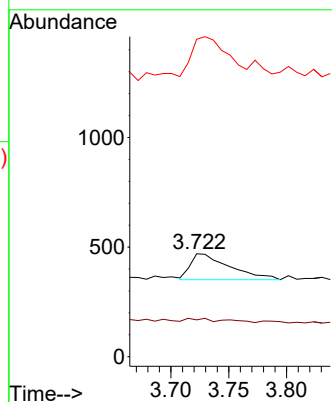
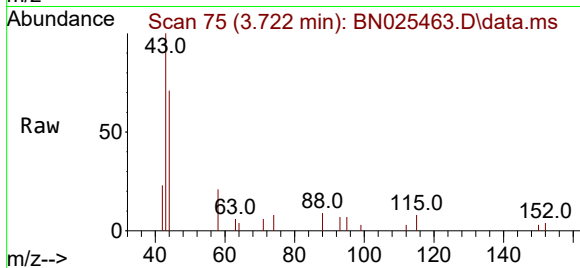




#3
n-Nitrosodimethylamine
Concen: 0.026 ng
RT: 3.722 min Scan# 71
Delta R.T. -0.072 min
Lab File: BN025463.D
Acq: 17 May 2023 21:05

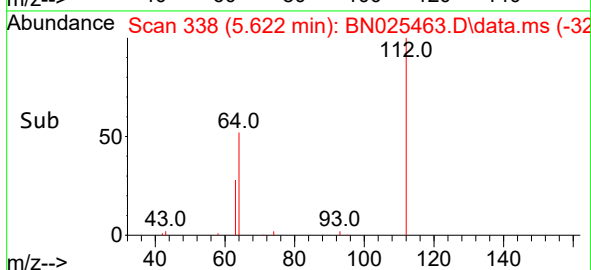
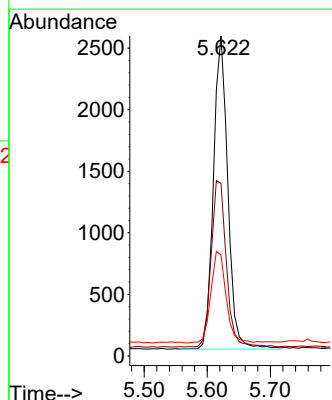
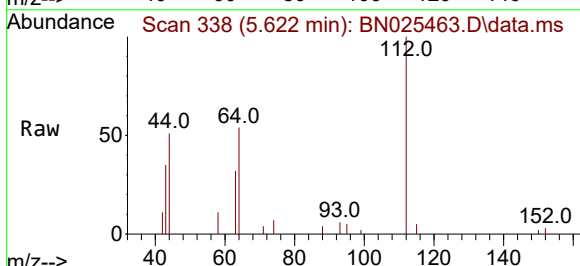
Instrument :
BNA_N
ClientSampleId :
CB-22-K2-SO-24-051623

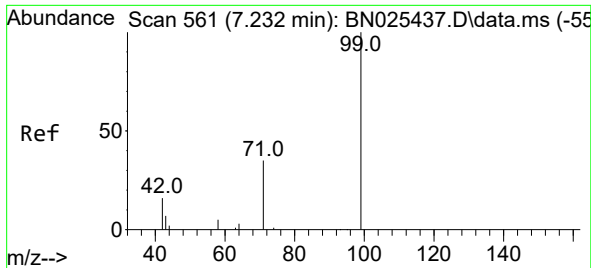
Tgt Ion: 42 Resp: 280
Ion Ratio Lower Upper
42 100
74 6.4 100.1 150.1#
44 136.8 0.0 0.0#



#4
2-Fluorophenol
Concen: 0.363 ng
RT: 5.622 min Scan# 338
Delta R.T. 0.007 min
Lab File: BN025463.D
Acq: 17 May 2023 21:05

Tgt Ion: 112 Resp: 4024
Ion Ratio Lower Upper
112 100
64 56.1 43.9 65.9
63 31.0 25.0 37.4

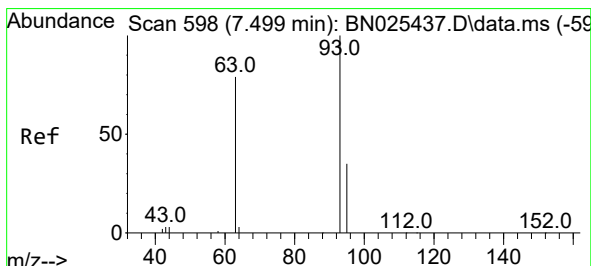
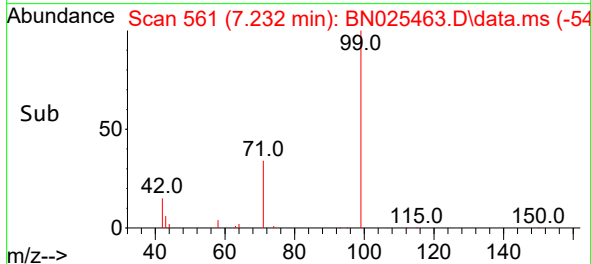
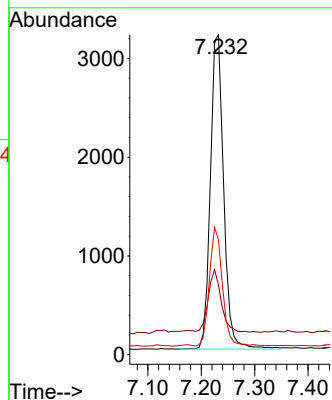
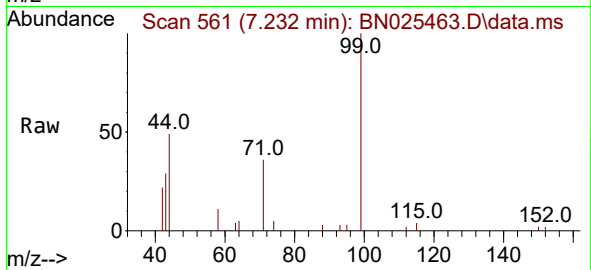




#5
Phenol-d6
Concen: 0.371 ng
RT: 7.232 min Scan# 561
Delta R.T. 0.007 min
Lab File: BN025463.D
Acq: 17 May 2023 21:05

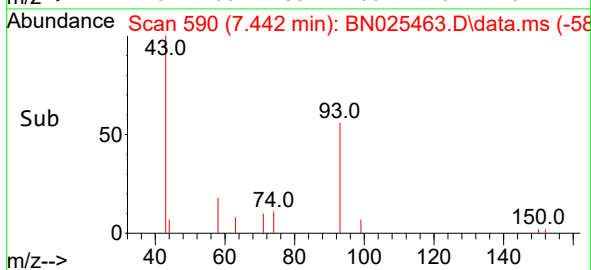
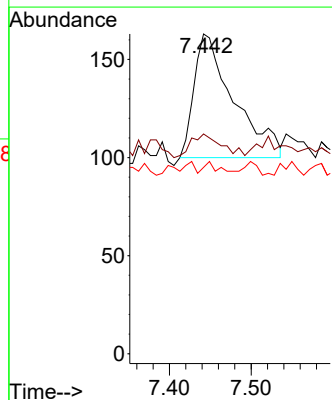
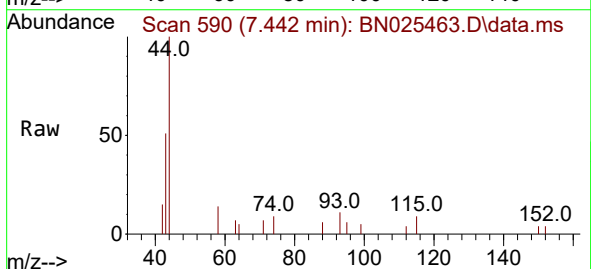
Instrument :
BNA_N
ClientSampleId :
CB-22-K2-SO-24-051623

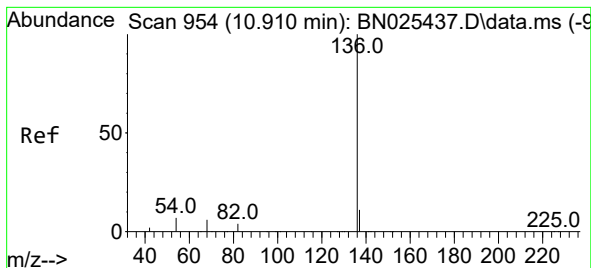
Tgt Ion: 99 Resp: 5519
Ion Ratio Lower Upper
99 100
42 19.4 16.4 24.6
71 37.2 29.4 44.0



#6
bis(2-Chloroethyl)ether
Concen: Below Cal
RT: 7.442 min Scan# 590
Delta R.T. -0.058 min
Lab File: BN025463.D
Acq: 17 May 2023 21:05

Tgt Ion: 93 Resp: 211
Ion Ratio Lower Upper
93 100
63 12.3 48.5 72.7#
95 1.9 22.0 33.0#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.910 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN025463.D

Acq: 17 May 2023 21:05

Instrument :

BNA_N

ClientSampleId :

CB-22-K2-SO-24-051623

Tgt Ion:136 Resp: 14473

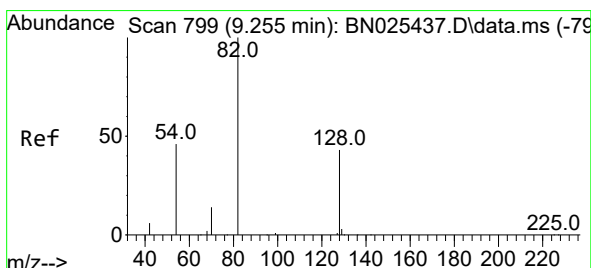
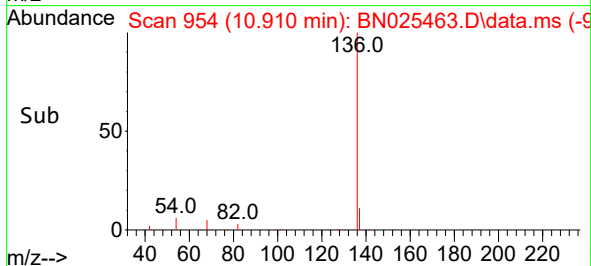
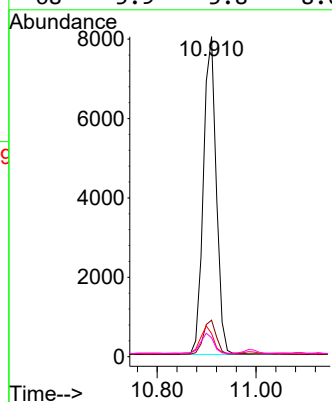
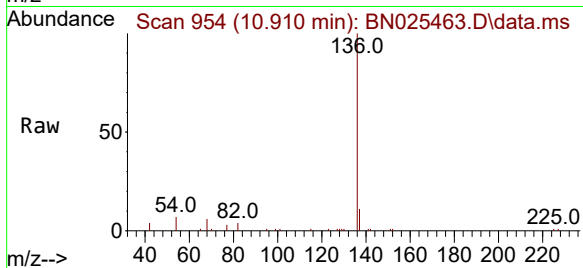
Ion Ratio Lower Upper

136 100

137 11.4 9.4 14.0

54 7.2 7.0 10.4

68 5.9 5.8 8.6



#8

Nitrobenzene-d5

Concen: 0.319 ng

RT: 9.244 min Scan# 798

Delta R.T. 0.000 min

Lab File: BN025463.D

Acq: 17 May 2023 21:05

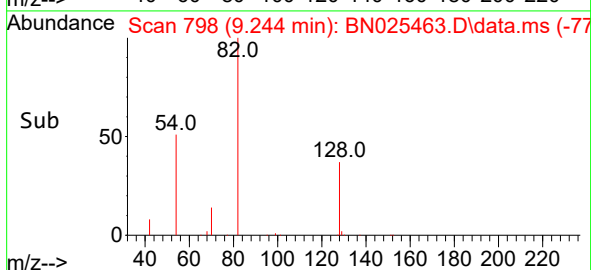
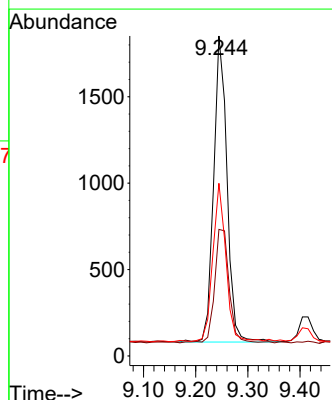
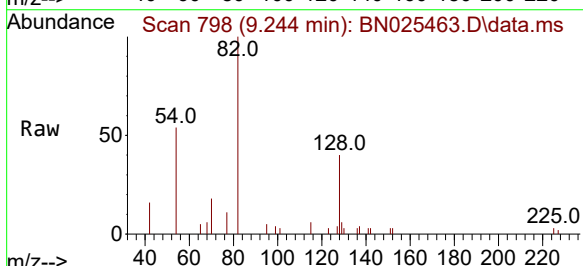
Tgt Ion: 82 Resp: 3158

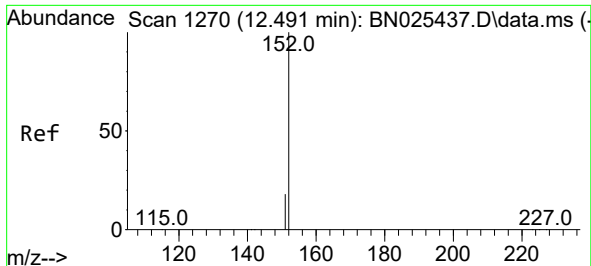
Ion Ratio Lower Upper

82 100

128 39.5 35.7 53.5

54 53.9 38.6 57.8

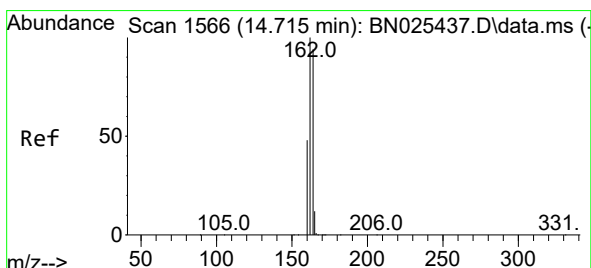
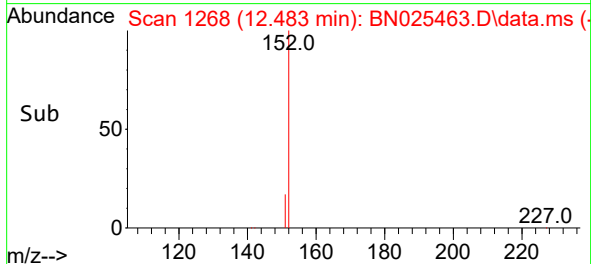
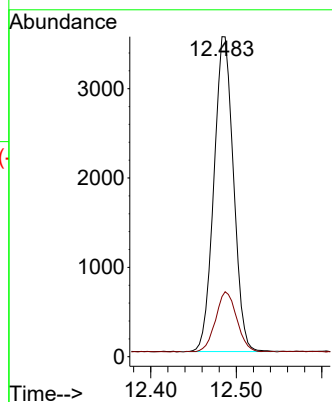
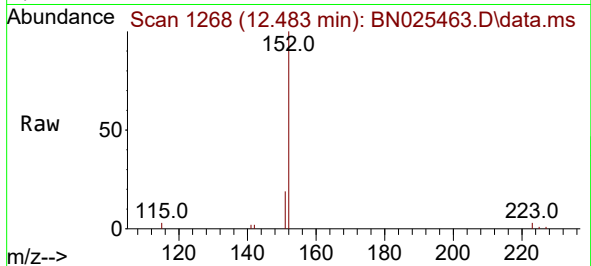




#11
2-Methylnaphthalene-d10
Concen: 0.277 ng
RT: 12.483 min Scan# 1268
Delta R.T. -0.004 min
Lab File: BN025463.D
Acq: 17 May 2023 21:05

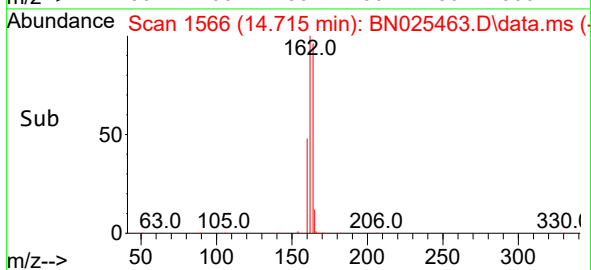
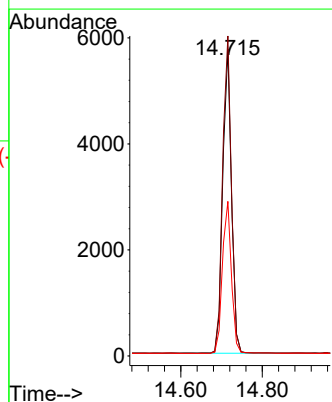
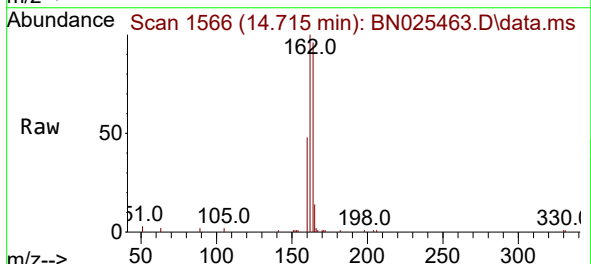
Instrument :
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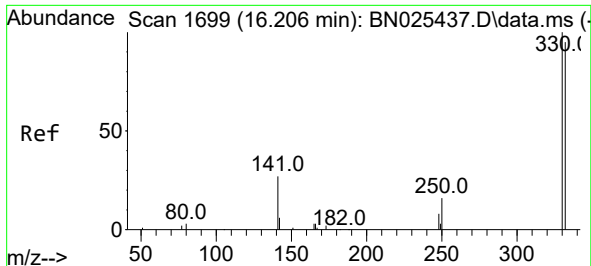
Tgt Ion:152 Resp: 5611
Ion Ratio Lower Upper
152 100
151 20.6 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.715 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BN025463.D
Acq: 17 May 2023 21:05

Tgt Ion:164 Resp: 8541
Ion Ratio Lower Upper
164 100
162 104.3 84.8 127.2
160 50.4 40.6 61.0

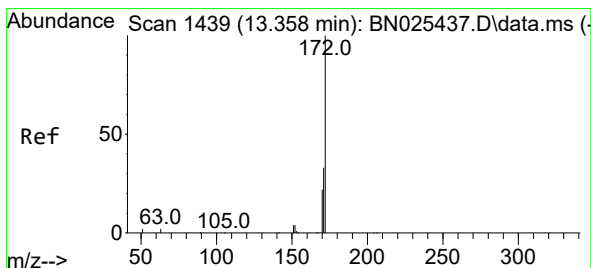
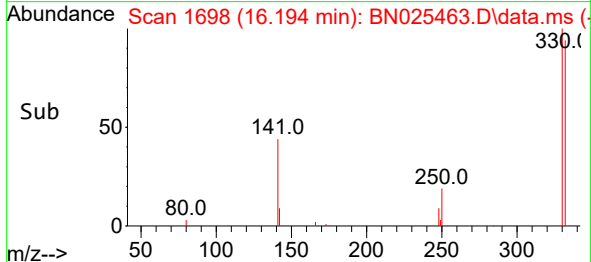
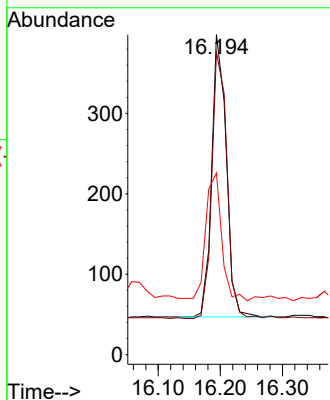
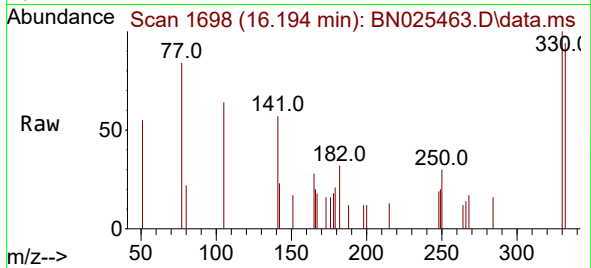




#14
2,4,6-Tribromophenol
Concen: 0.197 ng
RT: 16.194 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BN025463.D
Acq: 17 May 2023 21:05

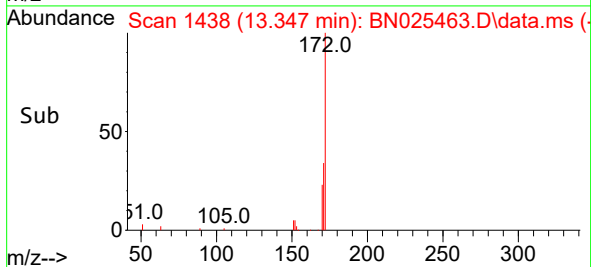
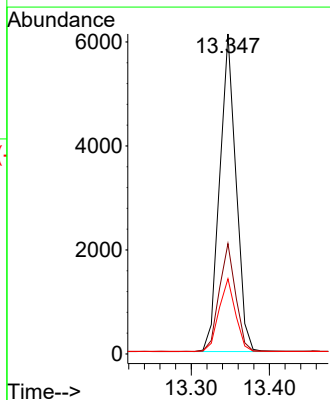
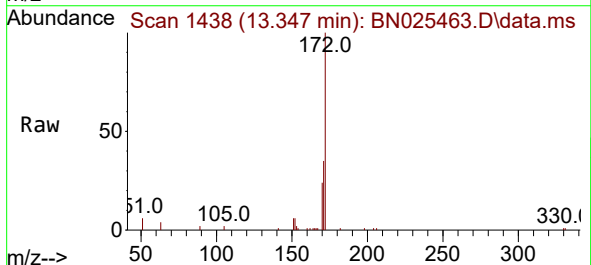
Instrument :
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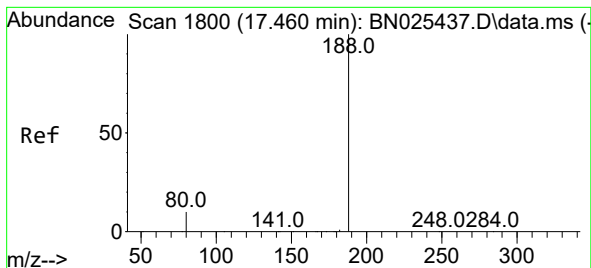
Tgt Ion:330 Resp: 570
Ion Ratio Lower Upper
330 100
332 98.6 75.5 113.3
141 49.5 35.3 52.9



#15
2-Fluorobiphenyl
Concen: 0.283 ng
RT: 13.347 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BN025463.D
Acq: 17 May 2023 21:05

Tgt Ion:172 Resp: 8847
Ion Ratio Lower Upper
172 100
171 34.5 27.0 40.6
170 23.5 18.2 27.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.460 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN025463.D

Acq: 17 May 2023 21:05

Instrument :

BNA_N

ClientSampleId :

CB-22-K2-SO-24-051623

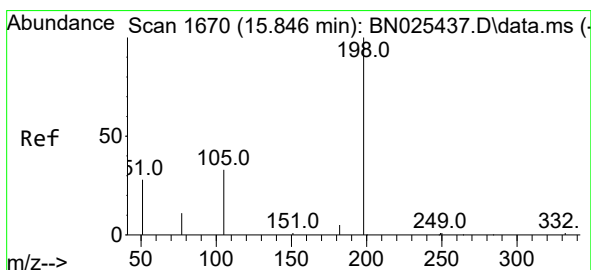
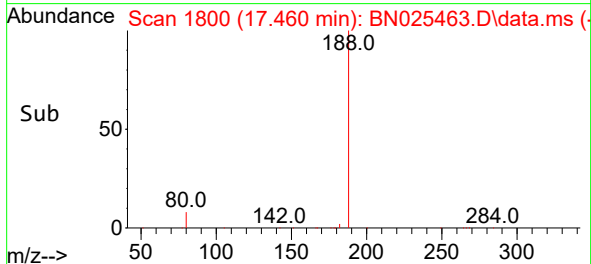
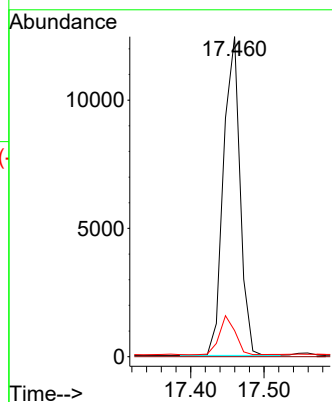
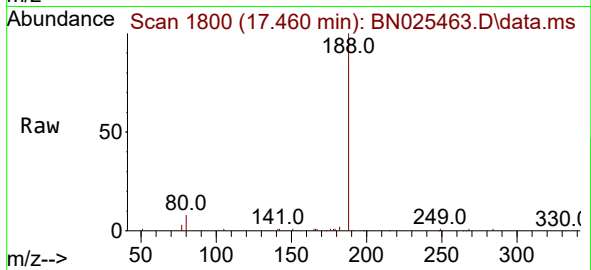
Tgt Ion:188 Resp: 19477

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: 0.133 ng

RT: 15.784 min Scan# 1665

Delta R.T. -0.037 min

Lab File: BN025463.D

Acq: 17 May 2023 21:05

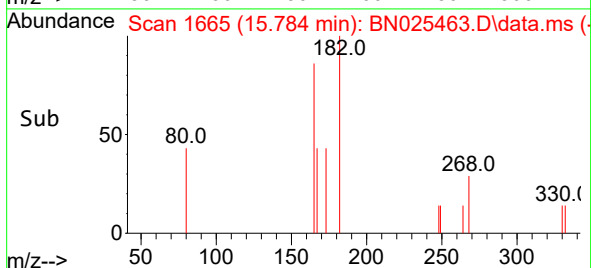
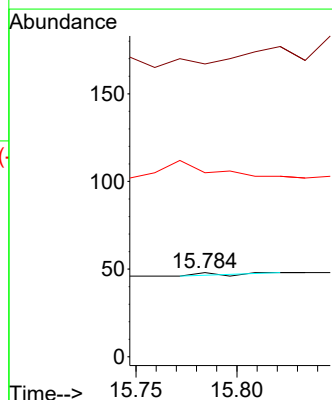
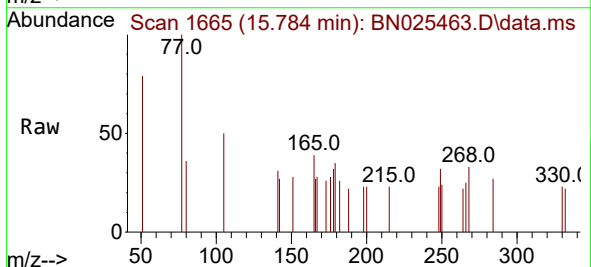
Tgt Ion:198 Resp: 1

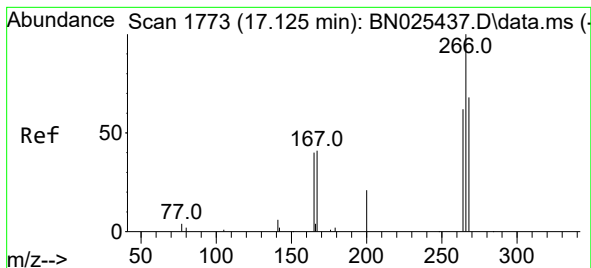
Ion Ratio Lower Upper

198 100

51 347.9 68.5 102.7#

105 218.8 57.6 86.4#





#24

Pentachlorophenol

Concen: 0.210 ng

RT: 17.100 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN025463.D

Acq: 17 May 2023 21:05

Instrument :

BNA_N

ClientSampleId :

CB-22-K2-SO-24-051623

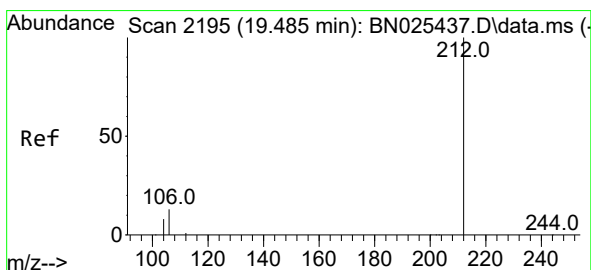
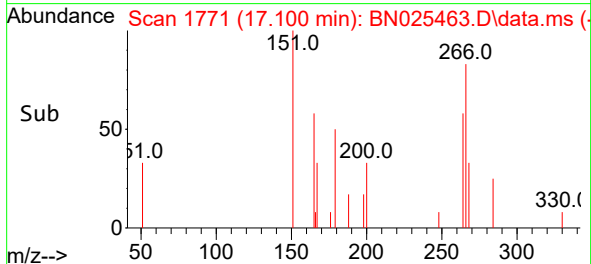
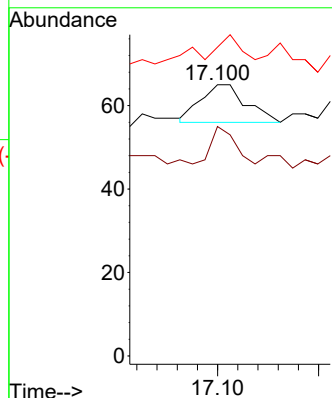
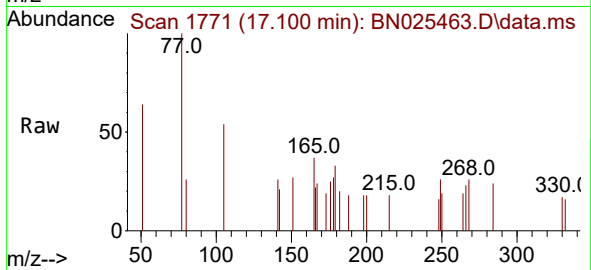
Tgt Ion:266 Resp: 28

Ion Ratio Lower Upper

266 100

264 50.0 49.5 74.3

268 60.7 51.0 76.4



#27

Fluoranthene-d10

Concen: 0.293 ng

RT: 19.481 min Scan# 2194

Delta R.T. 0.000 min

Lab File: BN025463.D

Acq: 17 May 2023 21:05

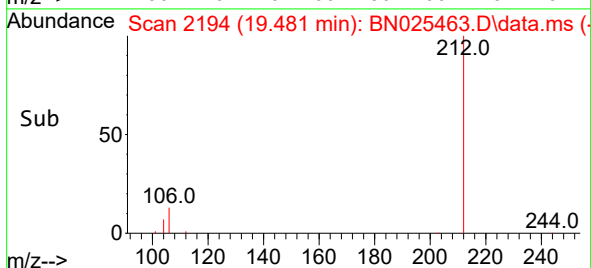
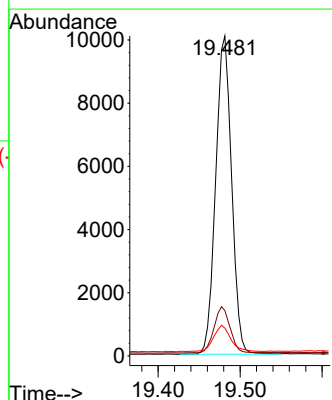
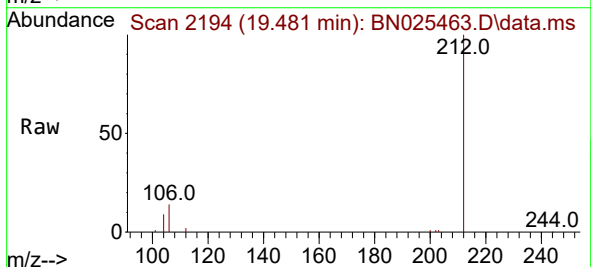
Tgt Ion:212 Resp: 13578

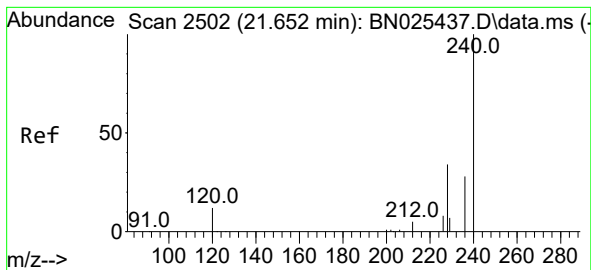
Ion Ratio Lower Upper

212 100

106 14.8 11.1 16.7

104 9.1 6.6 10.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.629 min Scan# 21

Delta R.T. -0.014 min

Lab File: BN025463.D

Acq: 17 May 2023 21:05

Instrument :

BNA_N

ClientSampleId :

CB-22-K2-SO-24-051623

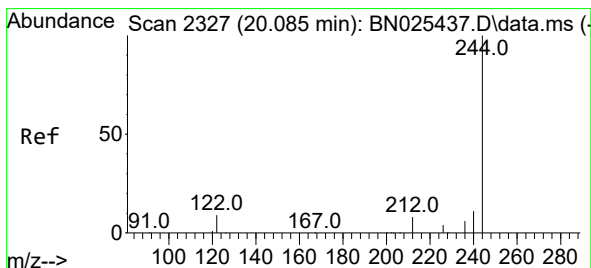
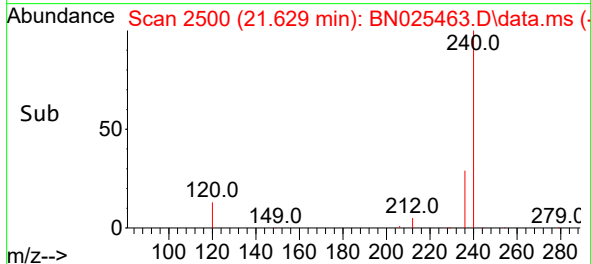
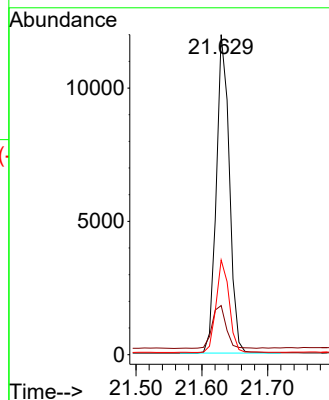
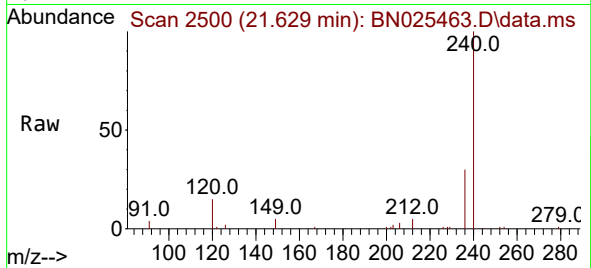
Tgt Ion:240 Resp: 16454

Ion Ratio Lower Upper

240 100

120 15.3 11.6 17.4

236 29.6 22.9 34.3



#31

Terphenyl-d14

Concen: 0.297 ng

RT: 20.071 min Scan# 2326

Delta R.T. -0.005 min

Lab File: BN025463.D

Acq: 17 May 2023 21:05

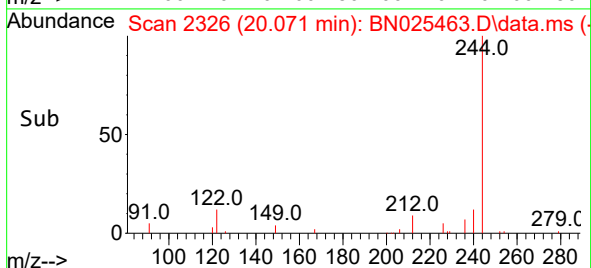
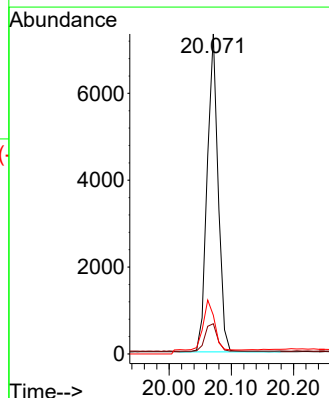
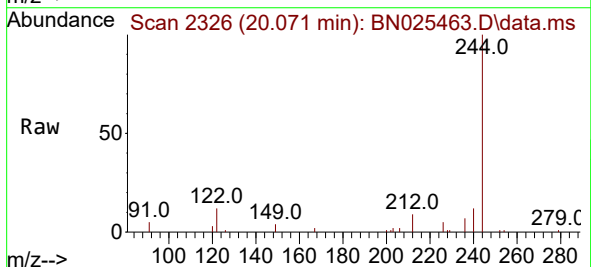
Tgt Ion:244 Resp: 8884

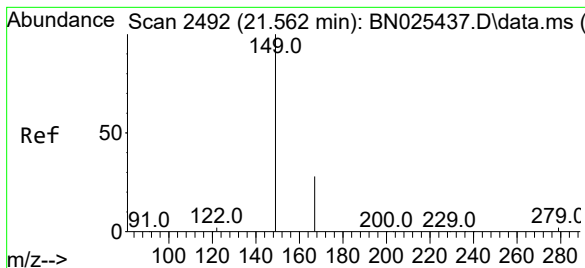
Ion Ratio Lower Upper

244 100

212 9.5 6.9 10.3

122 12.1 7.4 11.2#

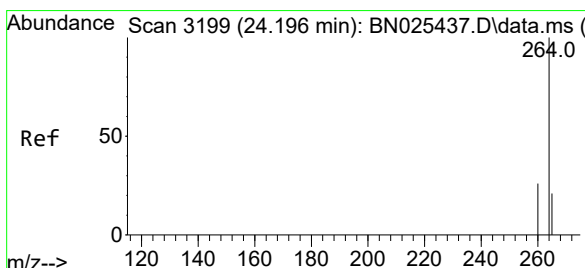
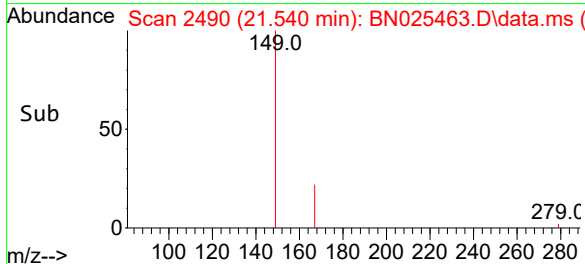
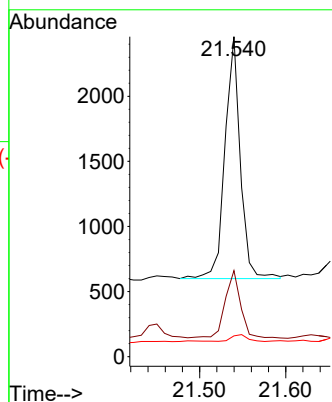
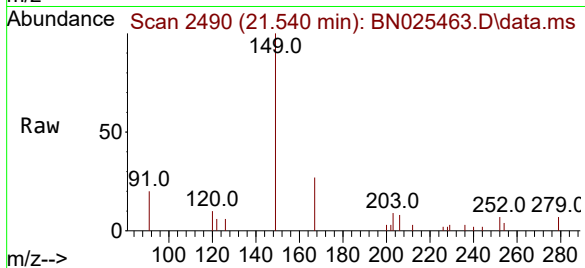




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.068 ng
 RT: 21.540 min Scan# 2490
 Delta R.T. -0.014 min
 Lab File: BN025463.D
 Acq: 17 May 2023 21:05

Instrument :
 BNA_N
 ClientSampleId :
 CB-22-K2-SO-24-051623

Tgt Ion:149 Resp: 2293
 Ion Ratio Lower Upper
 149 100
 167 28.5 22.2 33.4
 279 2.9 2.5 3.7



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.145 min Scan# 3181
 Delta R.T. -0.034 min
 Lab File: BN025463.D
 Acq: 17 May 2023 21:05

Tgt Ion:264 Resp: 17644
 Ion Ratio Lower Upper
 264 100
 260 26.9 21.0 31.6
 265 35.6 25.5 38.3

