

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012424\
 Data File : BG060421.D
 Acq On : 24 Jan 2024 18:58
 Operator : MA/JU
 Sample : P1220-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-206

Quant Time: Jan 25 00:07:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

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

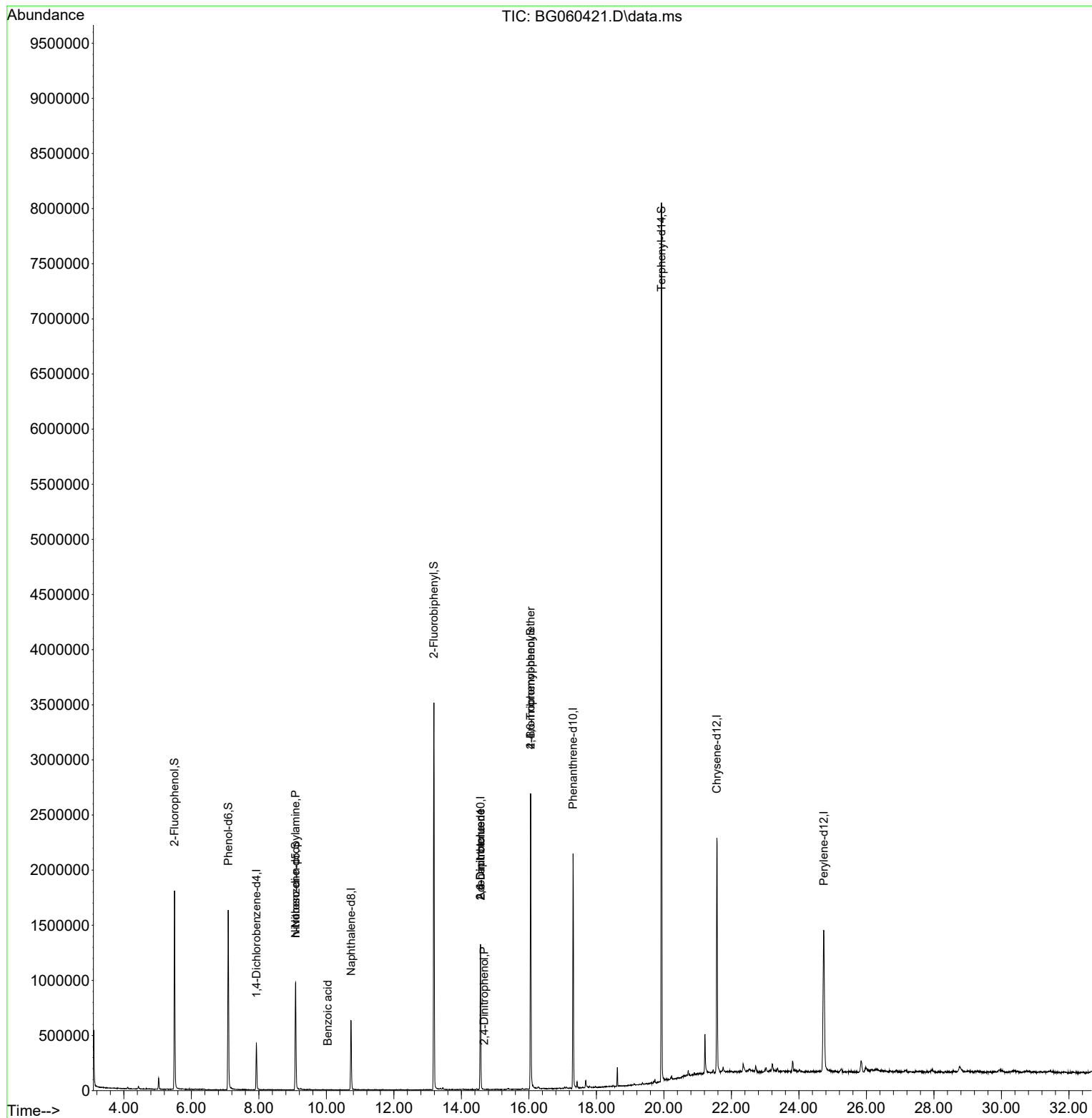
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	136835	20.000	ng	0.00
21) Naphthalene-d8	10.729	136	576995	20.000	ng	0.00
39) Acenaphthene-d10	14.566	164	484041	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	1441455	20.000	ng	0.00
76) Chrysene-d12	21.569	240	1335406	20.000	ng	0.00
86) Perylene-d12	24.736	264	1539163	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.500	112	886065	106.507	ng	0.00
7) Phenol-d6	7.092	99	1132491	91.931	ng	0.00
23) Nitrobenzene-d5	9.090	82	697519	57.083	ng	0.00
42) 2,4,6-Tribromophenol	16.052	330	643575	90.369	ng	0.00
45) 2-Fluorobiphenyl	13.185	172	1993712	57.266	ng	0.00
79) Terphenyl-d14	19.930	244	4096691	73.563	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.090	70	81553	9.565	ng	# 87
32) Benzoic acid	10.042	122	81	10.212	ng	# 36
51) 2,6-Dinitrotoluene	14.566	165	64199	8.134	ng	# 33
54) 2,4-Dinitrophenol	14.677	184	57	8.597	ng	# 27
57) 2,4-Dinitrotoluene	14.566	165	64199	5.932	ng	# 26
67) 4-Bromophenyl-phenylether	16.052	248	38809	2.450	ng	# 1

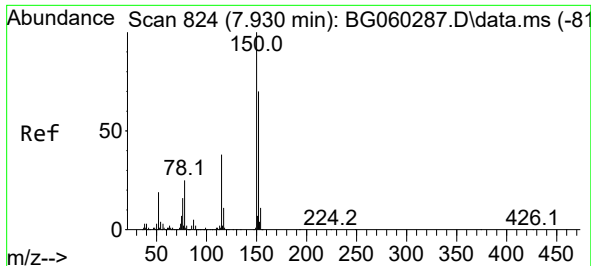
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012424\
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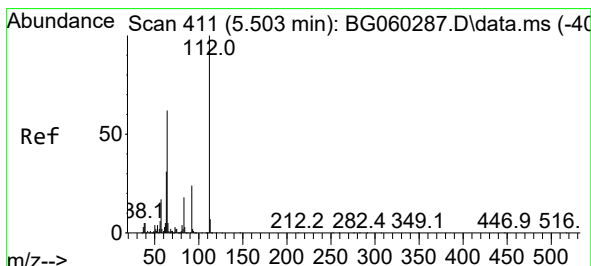
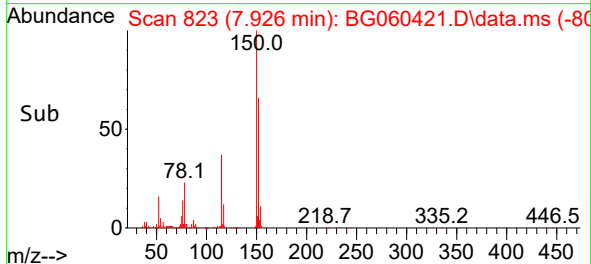
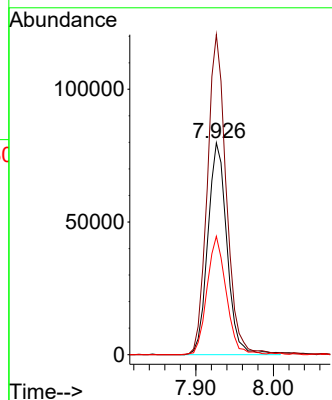
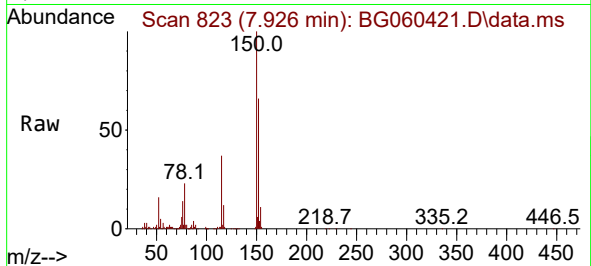




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.926 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG060421.D
Acq: 24 Jan 2024 18:58

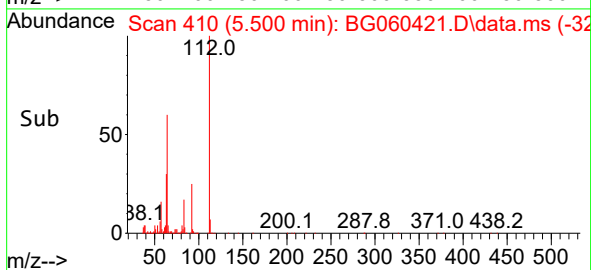
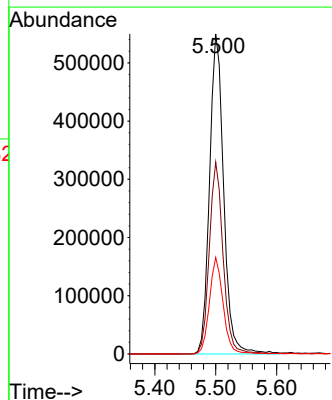
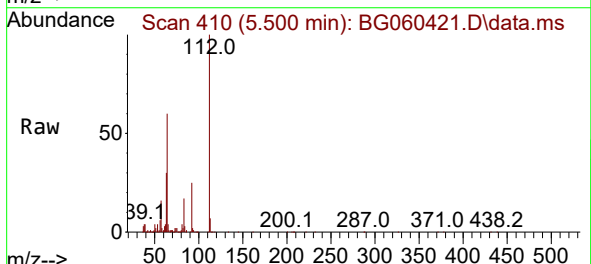
Instrument :
BNA_G
ClientSampleId :
VNJ-206

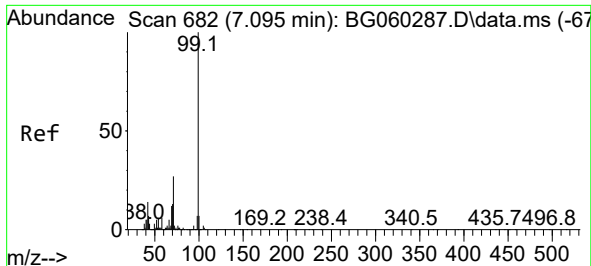
Tgt Ion:152 Resp: 136835
Ion Ratio Lower Upper
152 100
150 151.0 114.5 171.7
115 55.8 43.0 64.6



#5
2-Fluorophenol
Concen: 106.507 ng
RT: 5.500 min Scan# 410
Delta R.T. -0.003 min
Lab File: BG060421.D
Acq: 24 Jan 2024 18:58

Tgt Ion:112 Resp: 886065
Ion Ratio Lower Upper
112 100
64 59.9 49.8 74.6
63 30.2 24.4 36.6

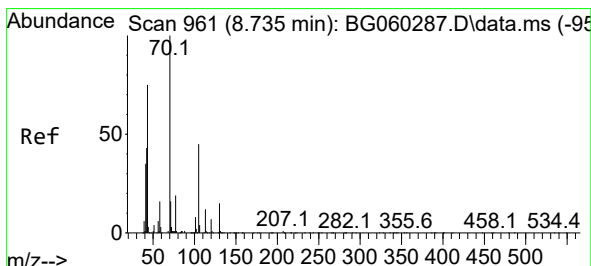
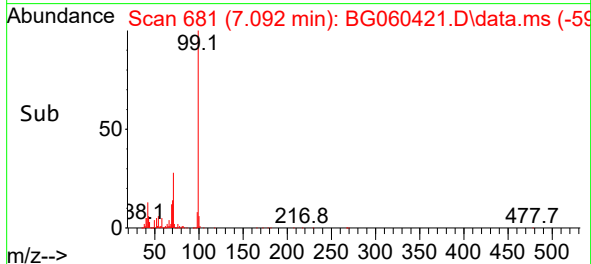
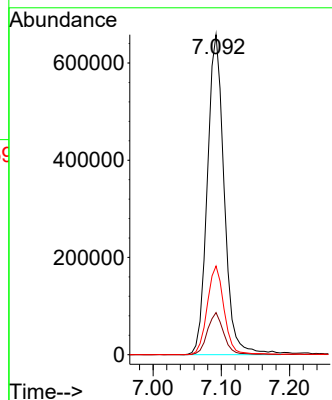
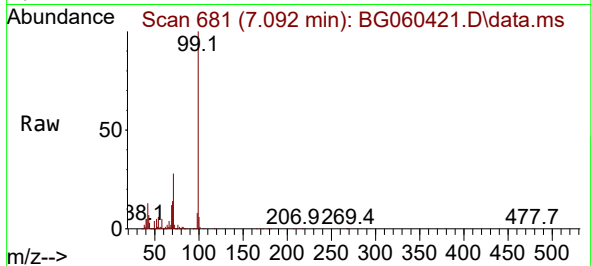




#7
Phenol-d6
Concen: 91.931 ng
RT: 7.092 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG060421.D
Acq: 24 Jan 2024 18:58

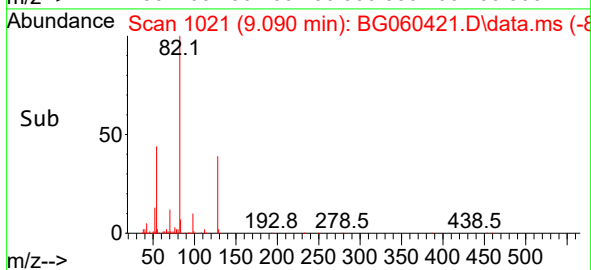
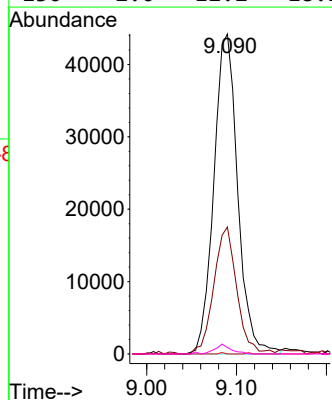
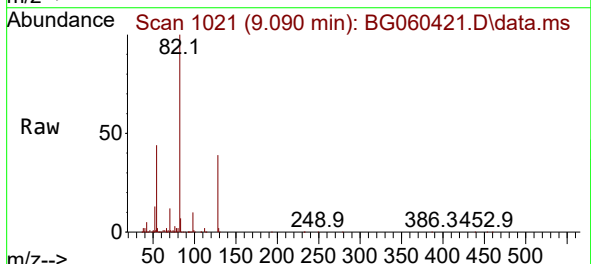
Instrument :
BNA_G
ClientSampleId :
VNJ-206

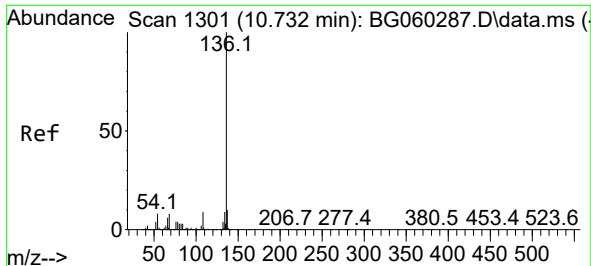
Tgt Ion: 99 Resp: 1132491
Ion Ratio Lower Upper
99 100
42 13.2 10.9 16.3
71 27.7 21.5 32.3



#19
n-Nitroso-di-n-propylamine
Concen: 9.565 ng
RT: 9.090 min Scan# 1021
Delta R.T. 0.355 min
Lab File: BG060421.D
Acq: 24 Jan 2024 18:58

Tgt Ion: 70 Resp: 81553
Ion Ratio Lower Upper
70 100
42 39.7 34.3 51.5
101 0.0 6.2 9.2#
130 2.0 12.2 18.2#

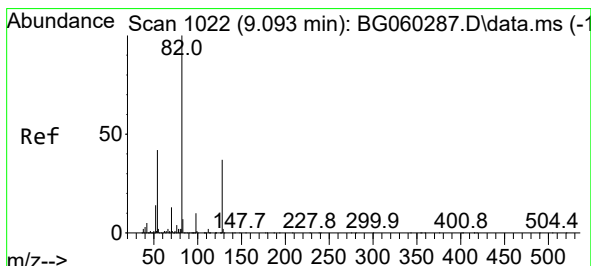
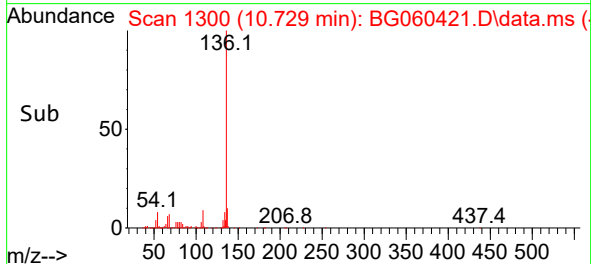
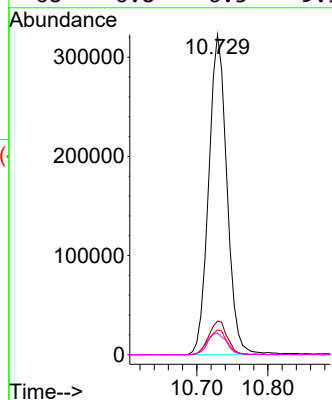
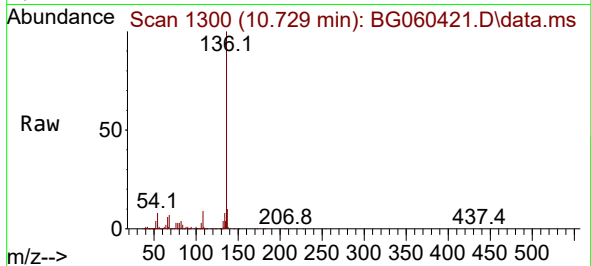




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.729 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG060421.D
Acq: 24 Jan 2024 18:58

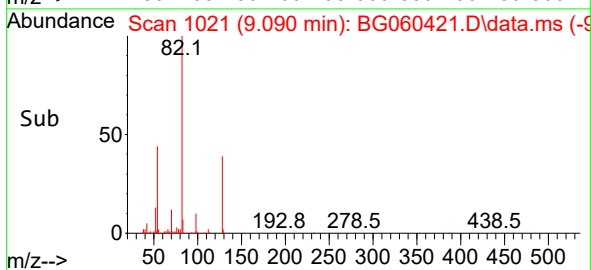
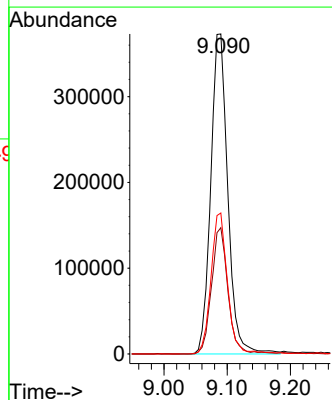
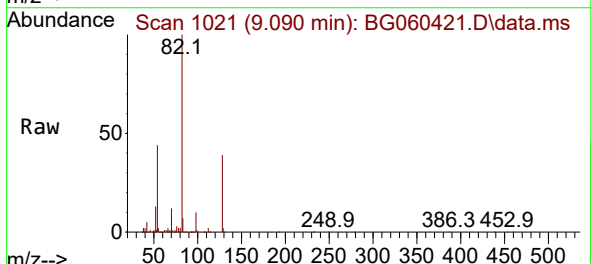
Instrument :
BNA_G
ClientSampleId :
VNJ-206

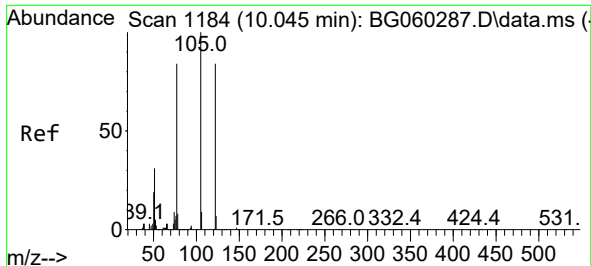
Tgt Ion:	136	Resp:	576995
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.2	12.4
54	7.7	6.2	9.2
68	6.8	6.3	9.5



#23
Nitrobenzene-d5
Concen: 57.083 ng
RT: 9.090 min Scan# 1021
Delta R.T. -0.003 min
Lab File: BG060421.D
Acq: 24 Jan 2024 18:58

Tgt Ion:	82	Resp:	697519
Ion Ratio	Lower	Upper	
82	100		
128	39.5	29.6	44.4
54	44.0	33.6	50.4

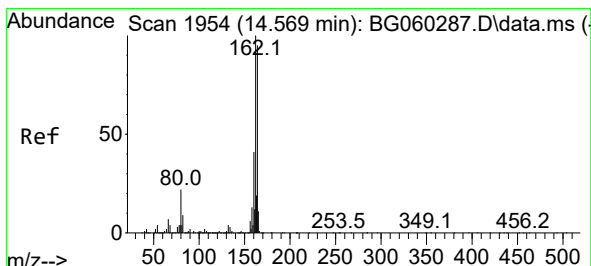
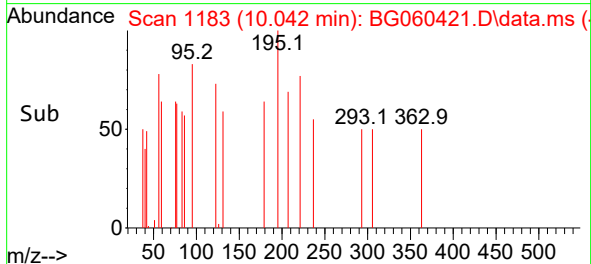
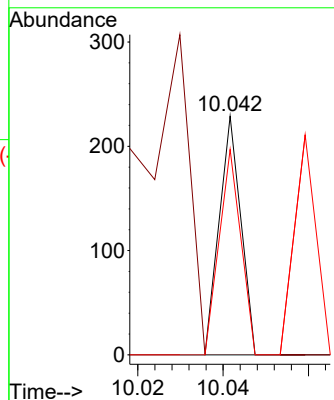
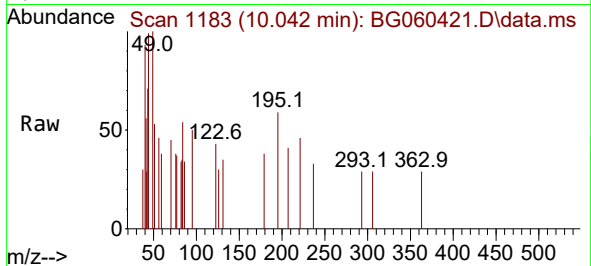




#32
Benzoic acid
Concen: 10.212 ng
RT: 10.042 min Scan# 1184
Delta R.T. -0.003 min
Lab File: BG060421.D
Acq: 24 Jan 2024 18:58

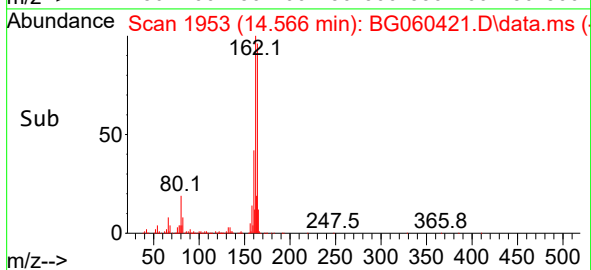
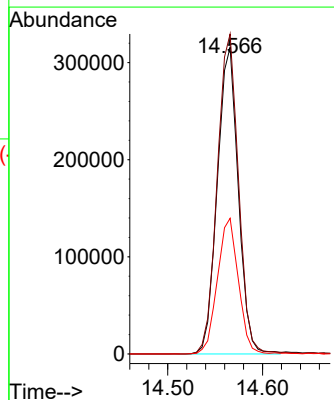
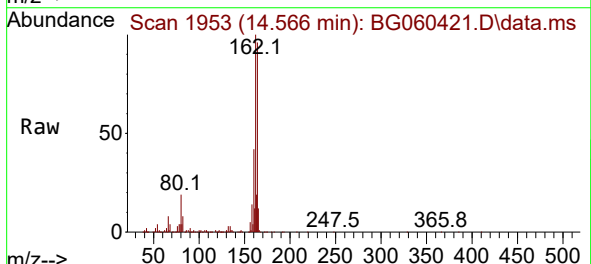
Instrument :
BNA_G
ClientSampleId :
VNJ-206

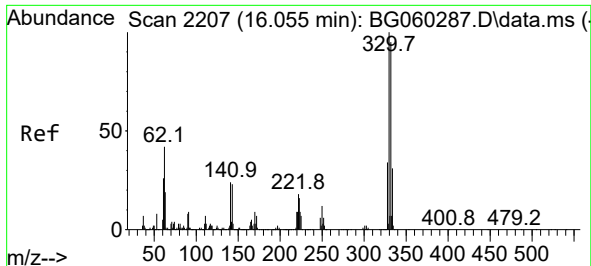
Tgt Ion:122 Resp: 81
Ion Ratio Lower Upper
122 100
105 0.0 96.0 136.0#
77 86.0 80.1 120.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.566 min Scan# 1953
Delta R.T. -0.003 min
Lab File: BG060421.D
Acq: 24 Jan 2024 18:58

Tgt Ion:164 Resp: 484041
Ion Ratio Lower Upper
164 100
162 104.3 84.4 126.6
160 44.3 34.6 52.0

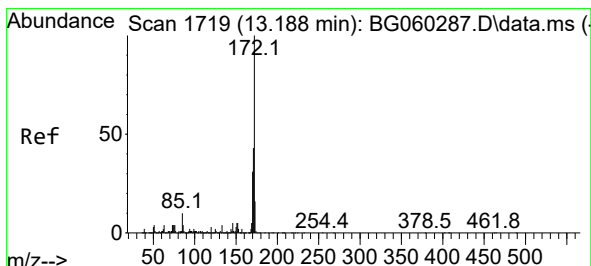
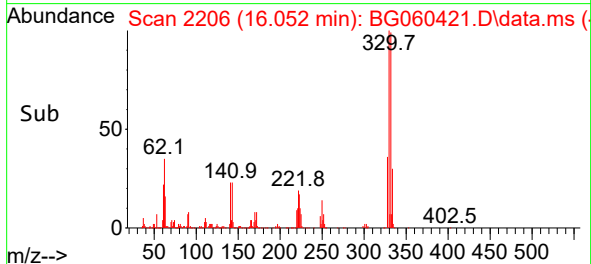
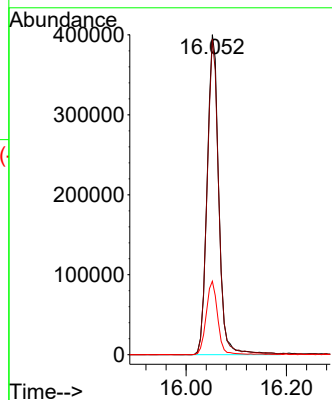
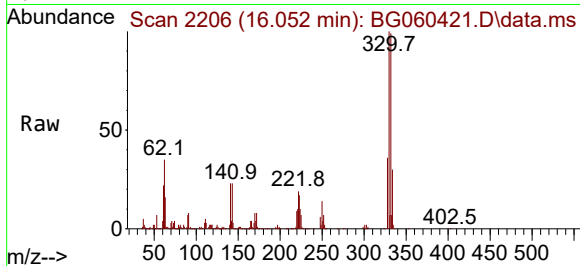




#42
2,4,6-Tribromophenol
Concen: 90.369 ng
RT: 16.052 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060421.D
Acq: 24 Jan 2024 18:58

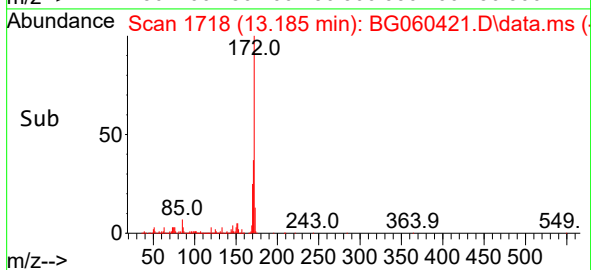
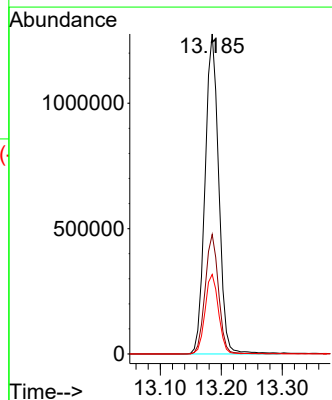
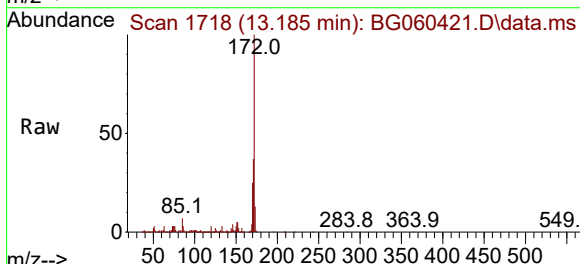
Instrument :
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ClientSampleId :
VNJ-206

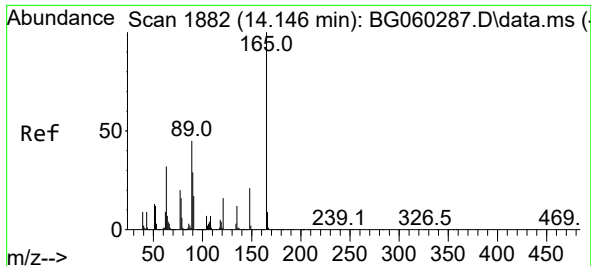
Tgt Ion:330 Resp: 643575
Ion Ratio Lower Upper
330 100
332 97.5 76.7 115.1
141 22.7 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 57.266 ng
RT: 13.185 min Scan# 1718
Delta R.T. -0.003 min
Lab File: BG060421.D
Acq: 24 Jan 2024 18:58

Tgt Ion:172 Resp: 1993712
Ion Ratio Lower Upper
172 100
171 37.3 34.6 51.8
170 24.9 24.4 36.6

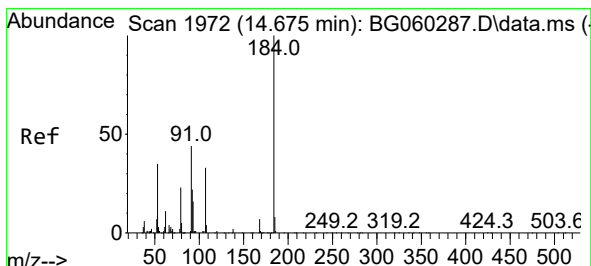
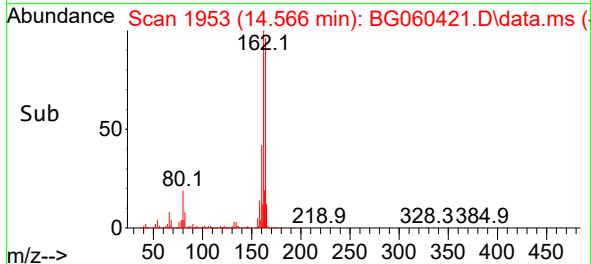
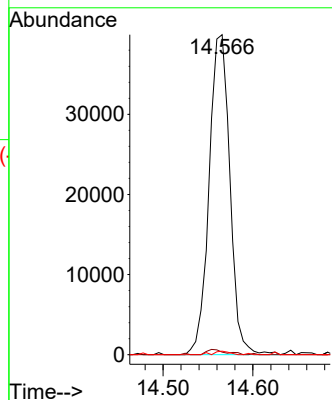
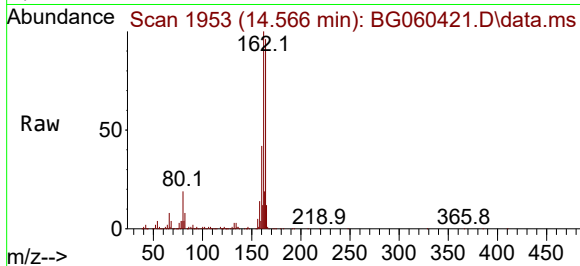




#51
2,6-Dinitrotoluene
Concen: 8.134 ng
RT: 14.566 min Scan# 1953
Delta R.T. 0.420 min
Lab File: BG060421.D
Acq: 24 Jan 2024 18:58

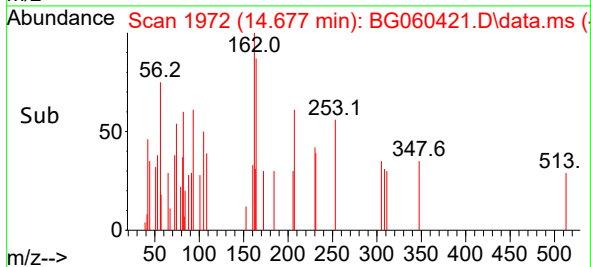
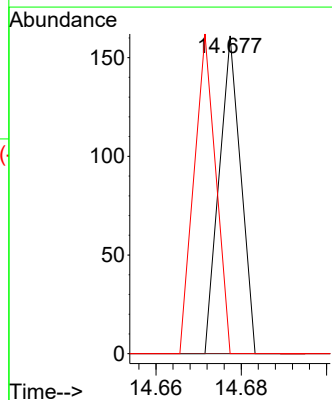
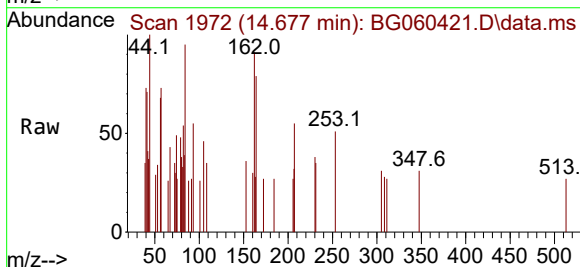
Instrument :
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VNJ-206

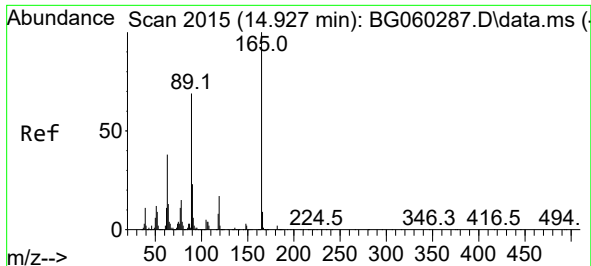
Tgt Ion:165 Resp: 64199
Ion Ratio Lower Upper
165 100
63 0.8 35.0 52.4#
89 1.1 36.2 54.2#



#54
2,4-Dinitrophenol
Concen: 8.597 ng
RT: 14.677 min Scan# 1972
Delta R.T. 0.002 min
Lab File: BG060421.D
Acq: 24 Jan 2024 18:58

Tgt Ion:184 Resp: 57
Ion Ratio Lower Upper
184 100
63 0.0 41.0 61.4#
154 0.0 39.2 58.8#





#57

2,4-Dinitrotoluene

Concen: 5.932 ng

RT: 14.566 min Scan# 1953

Delta R.T. -0.362 min

Lab File: BG060421.D

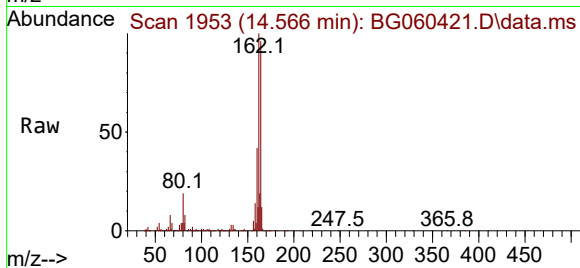
Acq: 24 Jan 2024 18:58

Instrument :

BNA_G

ClientSampleId :

VNJ-206



Tgt Ion:165 Resp: 64199

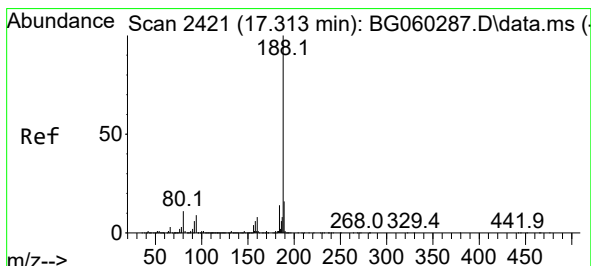
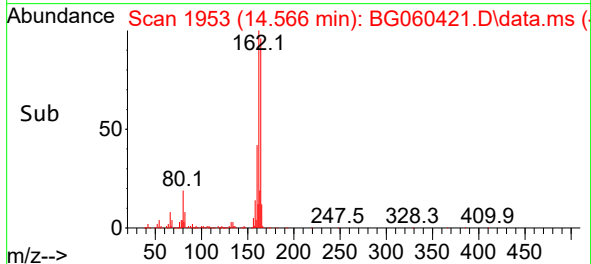
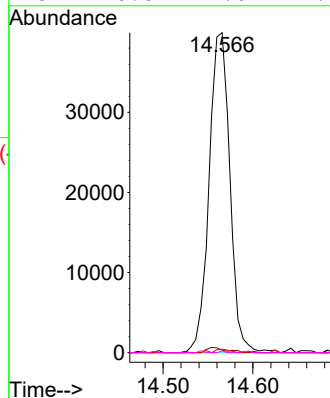
Ion Ratio Lower Upper

165 100

63 0.8 30.4 45.6#

89 1.1 55.4 83.0#

182 0.6 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.310 min Scan# 2420

Delta R.T. -0.003 min

Lab File: BG060421.D

Acq: 24 Jan 2024 18:58

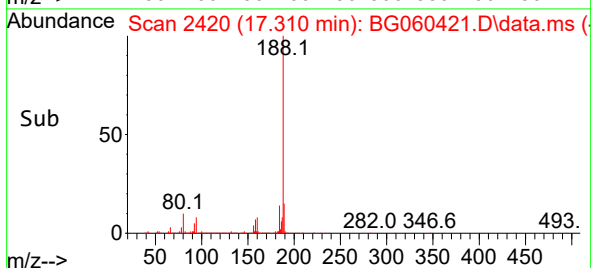
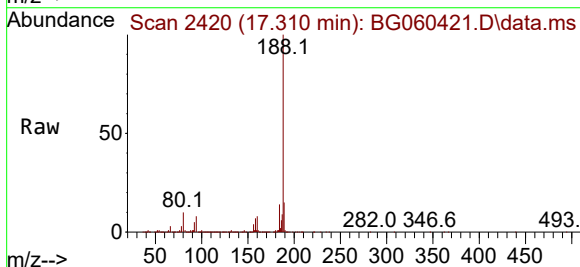
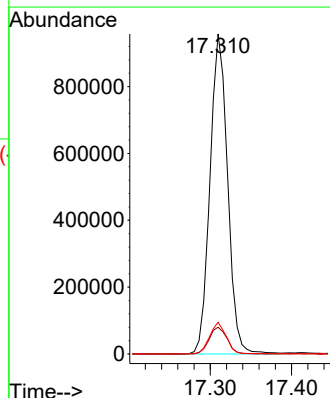
Tgt Ion:188 Resp: 1441455

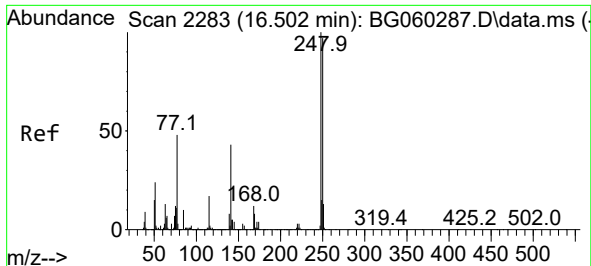
Ion Ratio Lower Upper

188 100

94 8.4 7.1 10.7

80 9.9 8.5 12.7

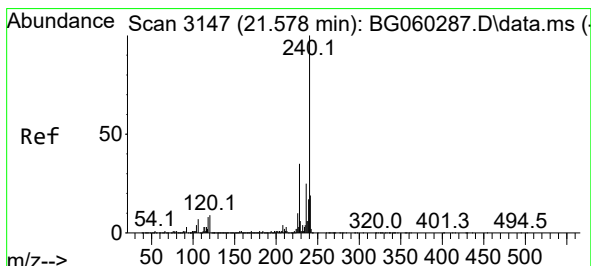
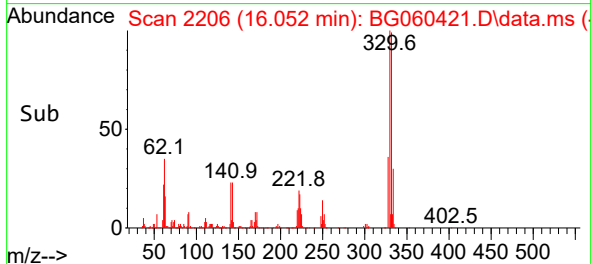
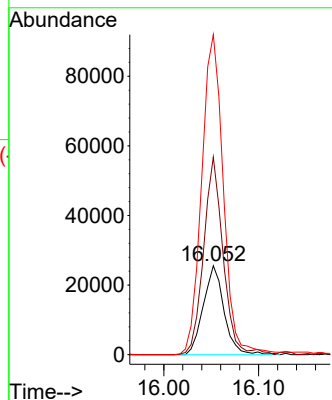
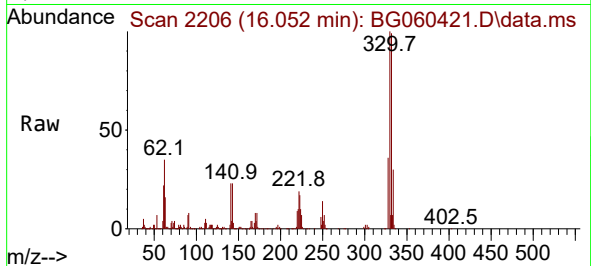




#67
4-Bromophenyl-phenylether
Concen: 2.450 ng
RT: 16.052 min Scan# 21
Delta R.T. -0.450 min
Lab File: BG060421.D
Acq: 24 Jan 2024 18:58

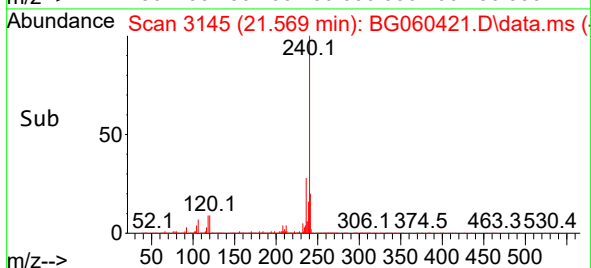
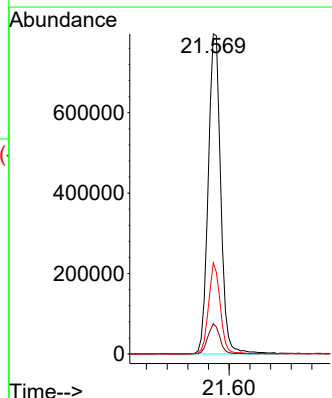
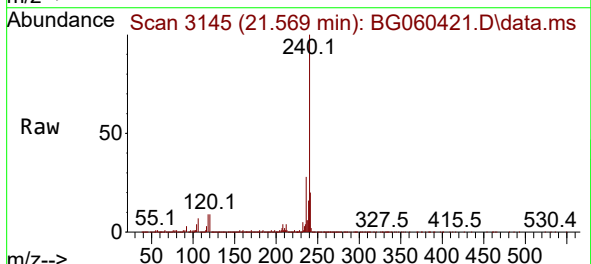
Instrument :
BNA_G
ClientSampleId :
VNJ-206

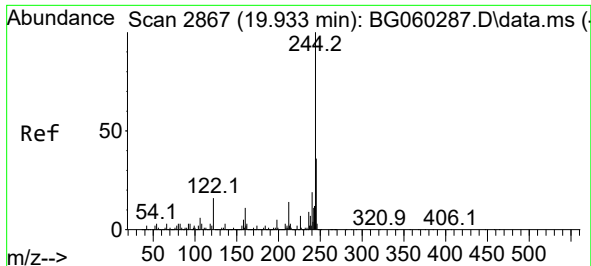
Tgt Ion:248 Resp: 38809
Ion Ratio Lower Upper
248 100
250 172.3 77.6 116.4#
141 279.0 34.2 51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.569 min Scan# 3145
Delta R.T. -0.009 min
Lab File: BG060421.D
Acq: 24 Jan 2024 18:58

Tgt Ion:240 Resp: 1335406
Ion Ratio Lower Upper
240 100
120 9.4 7.3 10.9
236 28.4 20.3 30.5





#79

Terphenyl-d14

Concen: 73.563 ng

RT: 19.930 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG060421.D

Acq: 24 Jan 2024 18:58

Instrument :

BNA_G

ClientSampleId :

VNJ-206

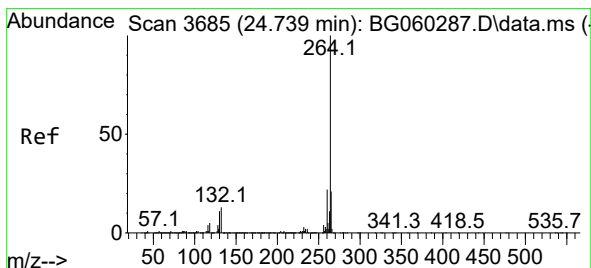
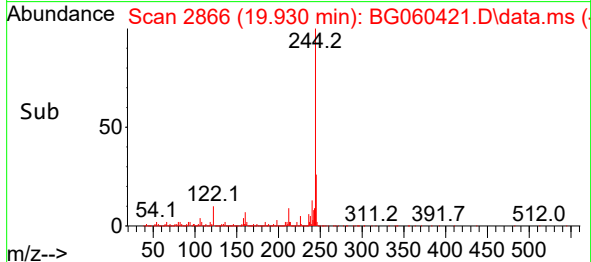
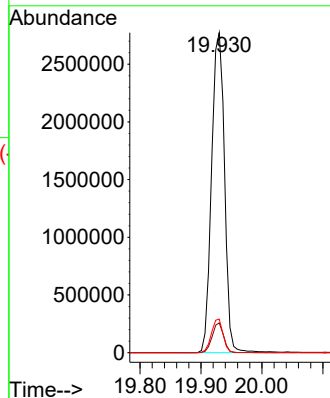
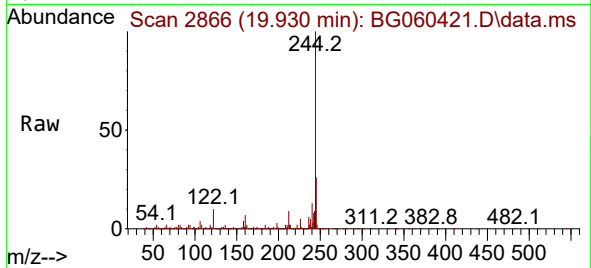
Tgt Ion:244 Resp: 4096691

Ion Ratio Lower Upper

244 100

212 9.3 10.9 16.3#

122 10.5 12.6 18.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.736 min Scan# 3684

Delta R.T. -0.003 min

Lab File: BG060421.D

Acq: 24 Jan 2024 18:58

Tgt Ion:264 Resp: 1539163

Ion Ratio Lower Upper

264 100

260 22.6 17.8 26.6

265 21.3 16.8 25.2

