

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011224\
 Data File : BG060325.D
 Acq On : 12 Jan 2024 21:12
 Operator : MA/JU
 Sample : P1117-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S2-COMPOSITE

Quant Time: Jan 12 23:45:05 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)

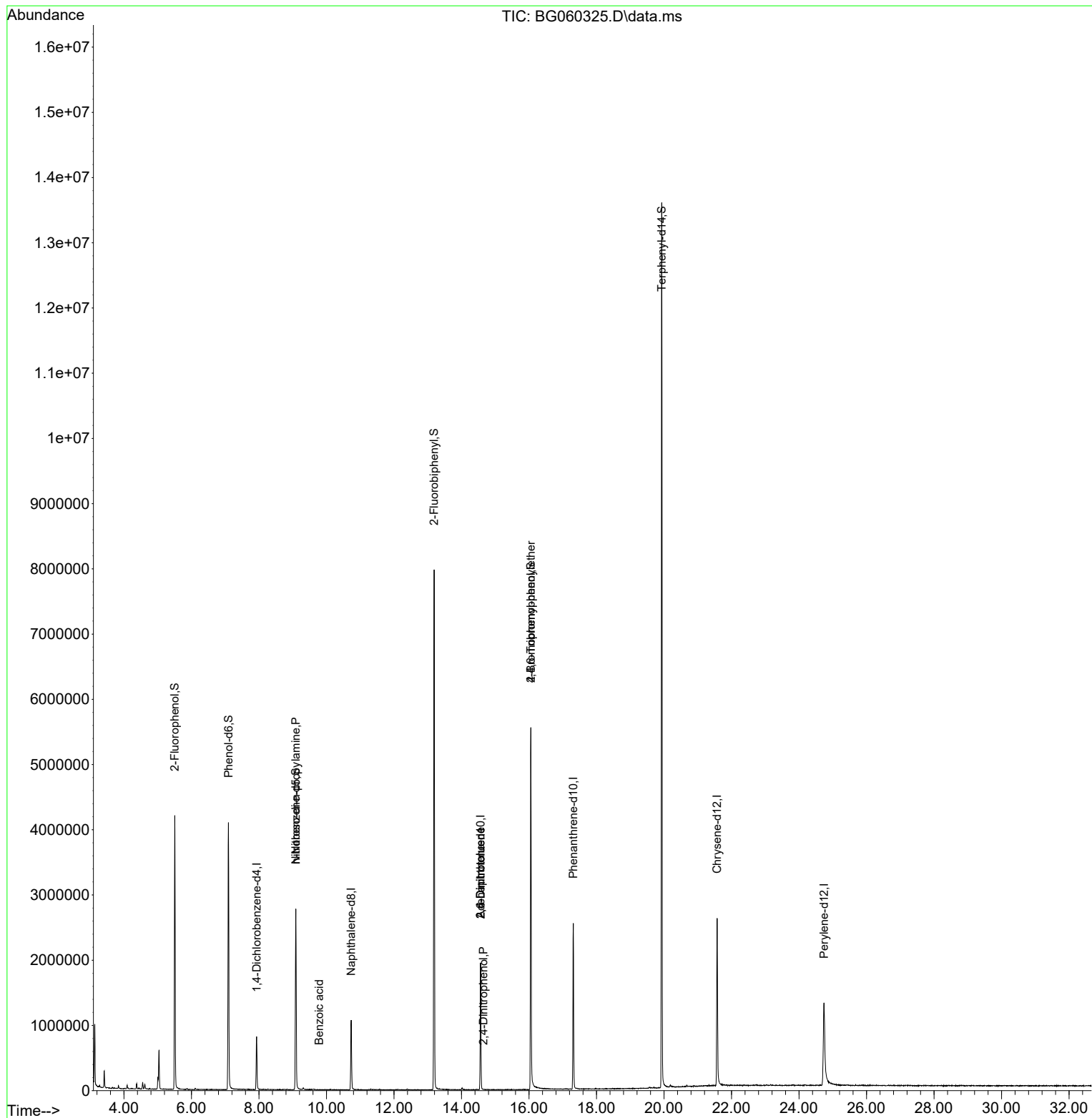
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	259463	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	968899	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	698341	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	1754451	20.000	ng	0.00
76) Chrysene-d12	21.573	240	1732083	20.000	ng	0.00
86) Perylene-d12	24.739	264	1813977	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	1986028	125.898	ng	0.00
7) Phenol-d6	7.095	99	2761861	118.236	ng	0.00
23) Nitrobenzene-d5	9.093	82	1936967	94.400	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	1289744	125.527	ng	0.00
45) 2-Fluorobiphenyl	13.188	172	4318667	85.980	ng	0.00
79) Terphenyl-d14	19.933	244	6128427	92.048	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.093	70	232596	14.387	ng	# 84
32) Benzoic acid	9.786	122	121	10.211	ng	# 89
51) 2,6-Dinitrotoluene	14.563	165	92360	8.111	ng	# 34
54) 2,4-Dinitrophenol	14.645	184	91	8.598	ng	# 35
57) 2,4-Dinitrotoluene	14.563	165	92360	5.915	ng	# 26
67) 4-Bromophenyl-phenylether	16.055	248	74623	3.871	ng	# 1

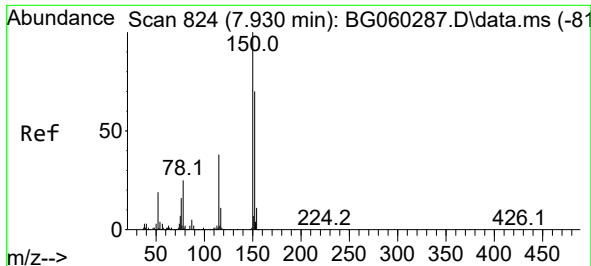
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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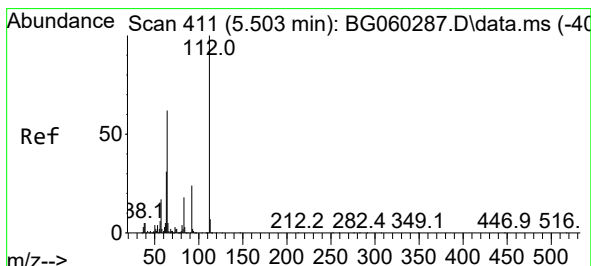
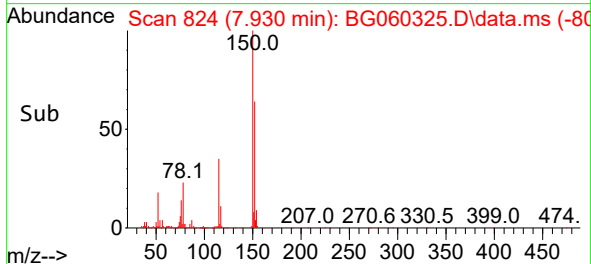
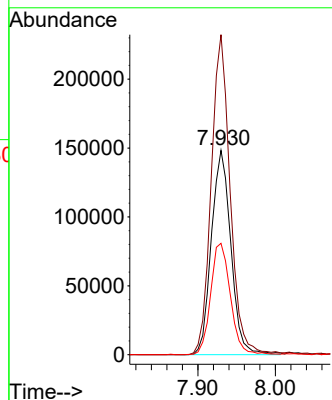
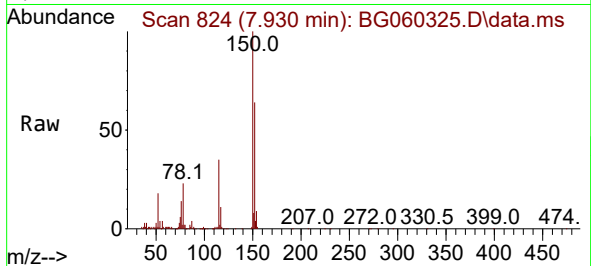




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.930 min Scan# 824
Delta R.T. -0.000 min
Lab File: BG060325.D
Acq: 12 Jan 2024 21:12

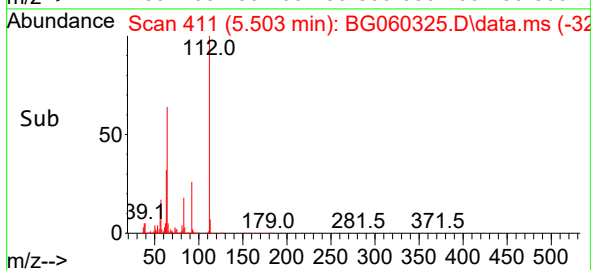
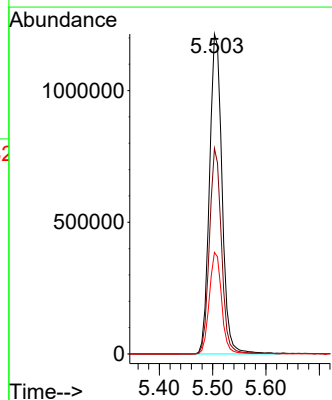
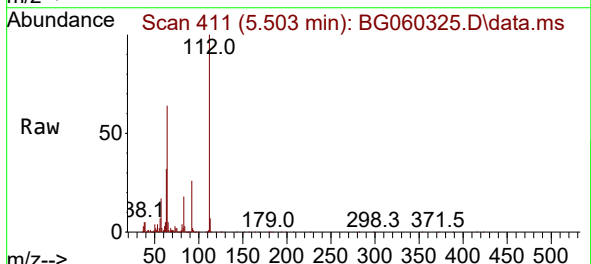
Instrument :
BNA_G
ClientSampleId :
S2-COMPOSITE

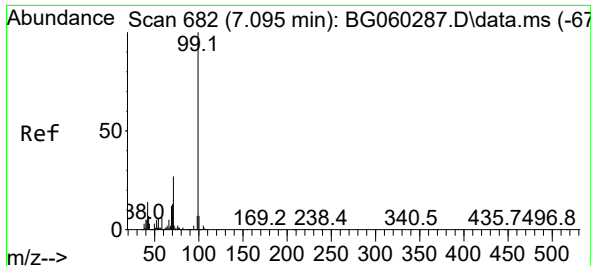
Tgt Ion:152 Resp: 259463
Ion Ratio Lower Upper
152 100
150 156.6 114.5 171.7
115 54.5 43.0 64.6



#5
2-Fluorophenol
Concen: 125.898 ng
RT: 5.503 min Scan# 411
Delta R.T. 0.000 min
Lab File: BG060325.D
Acq: 12 Jan 2024 21:12

Tgt Ion:112 Resp: 1986028
Ion Ratio Lower Upper
112 100
64 64.2 49.8 74.6
63 31.8 24.4 36.6

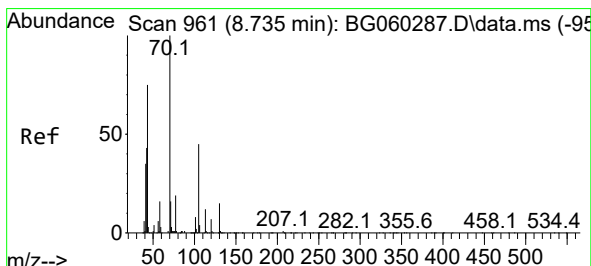
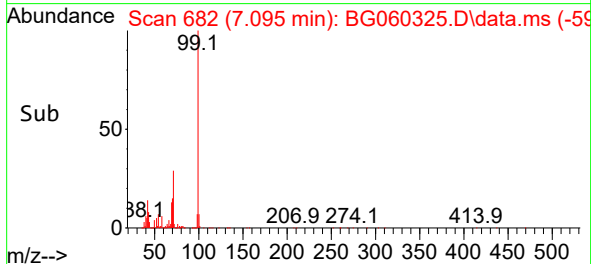
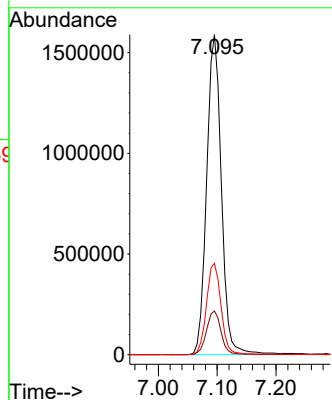
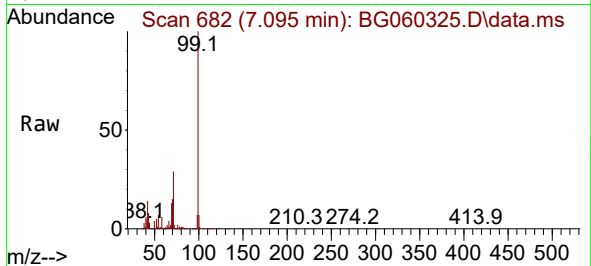




#7
Phenol-d6
Concen: 118.236 ng
RT: 7.095 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG060325.D
Acq: 12 Jan 2024 21:12

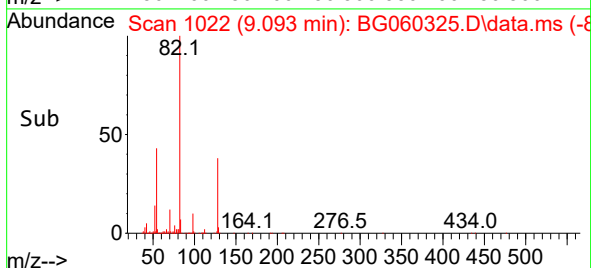
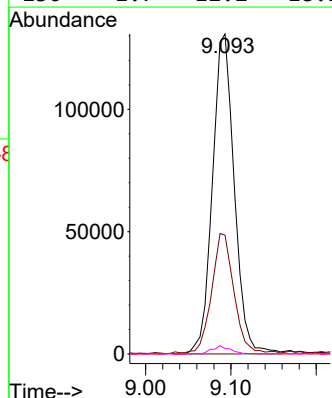
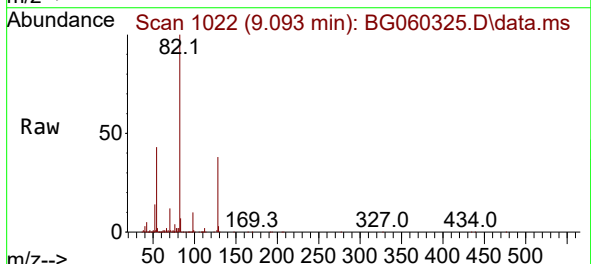
Instrument :
BNA_G
ClientSampleId :
S2-COMPOSITE

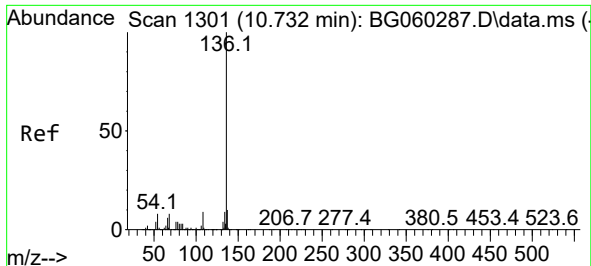
Tgt Ion: 99 Resp: 2761861
Ion Ratio Lower Upper
99 100
42 13.7 10.9 16.3
71 28.6 21.5 32.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.387 ng
RT: 9.093 min Scan# 1022
Delta R.T. 0.359 min
Lab File: BG060325.D
Acq: 12 Jan 2024 21:12

Tgt Ion: 70 Resp: 232596
Ion Ratio Lower Upper
70 100
42 37.1 34.3 51.5
101 0.0 6.2 9.2#
130 1.7 12.2 18.2#

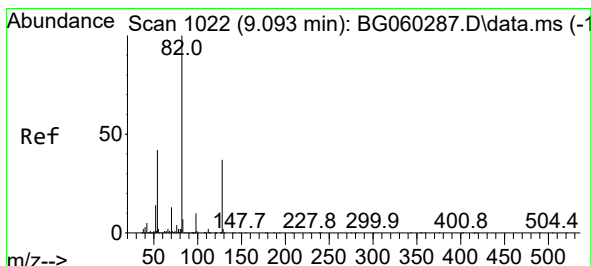
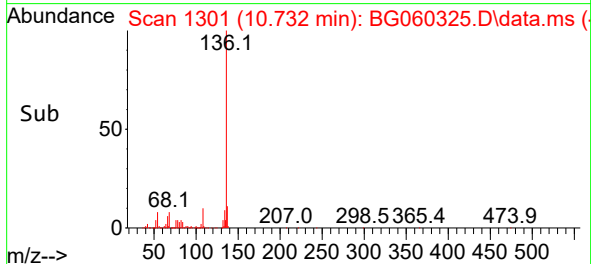
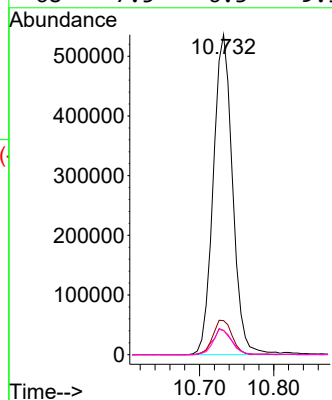
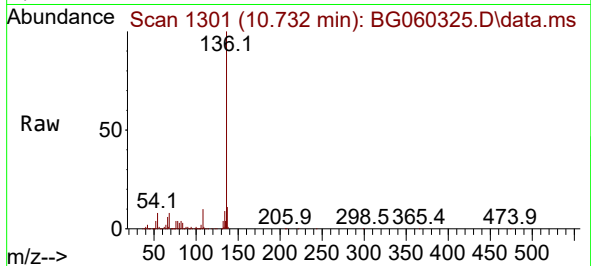




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BG060325.D
Acq: 12 Jan 2024 21:12

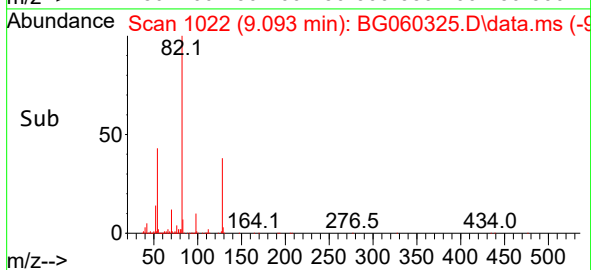
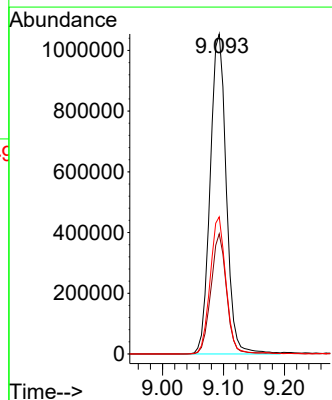
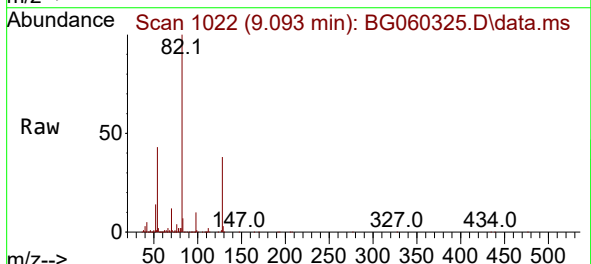
Instrument :
BNA_G
ClientSampleId :
S2-COMPOSITE

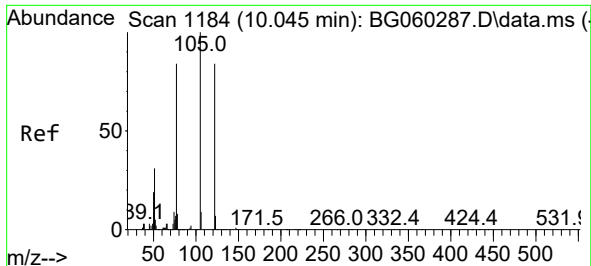
Tgt Ion:	136	Resp:	968899
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.2	12.4
54	7.6	6.2	9.2
68	7.5	6.3	9.5



#23
Nitrobenzene-d5
Concen: 94.400 ng
RT: 9.093 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BG060325.D
Acq: 12 Jan 2024 21:12

Tgt Ion:	82	Resp:	1936967
Ion Ratio	Lower	Upper	
82	100		
128	37.6	29.6	44.4
54	42.8	33.6	50.4

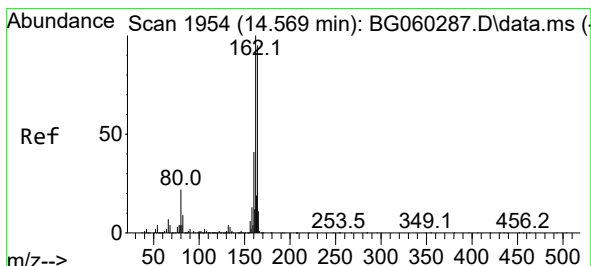
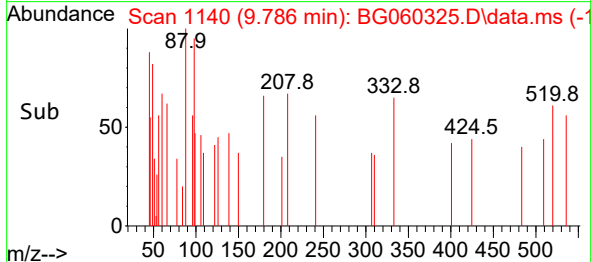
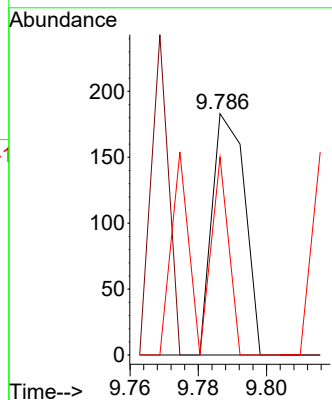
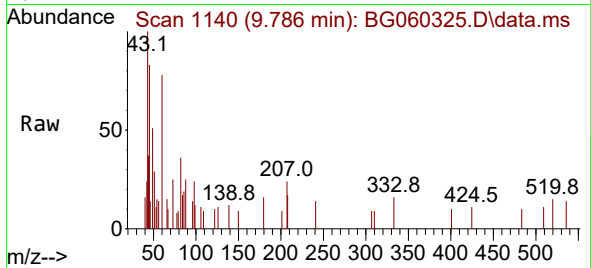




#32
Benzoic acid
Concen: 10.211 ng
RT: 9.786 min Scan# 1184
Delta R.T. -0.259 min
Lab File: BG060325.D
Acq: 12 Jan 2024 21:12

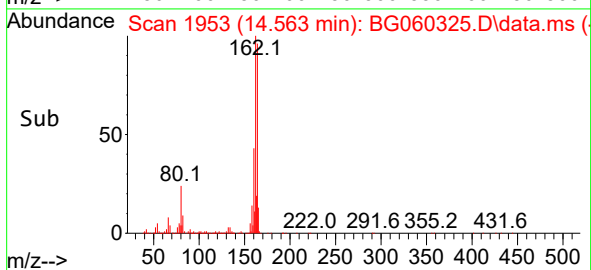
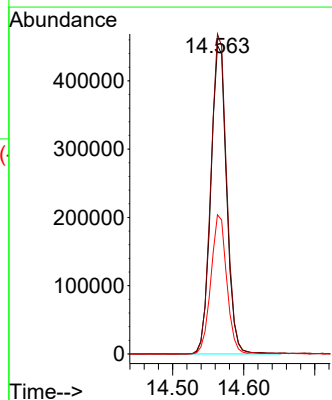
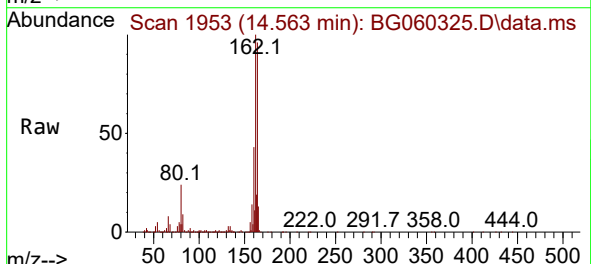
Instrument :
BNA_G
ClientSampleId :
S2-COMPOSITE

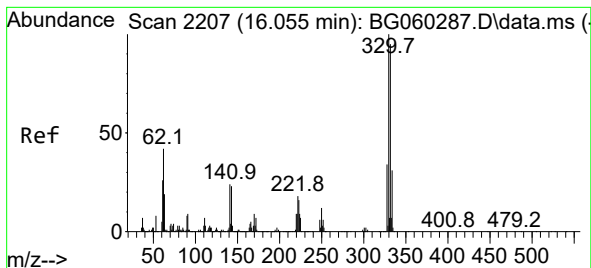
Tgt Ion:122 Resp: 121
Ion Ratio Lower Upper
122 100
105 110.9 96.0 136.0
77 82.0 80.1 120.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BG060325.D
Acq: 12 Jan 2024 21:12

Tgt Ion:164 Resp: 698341
Ion Ratio Lower Upper
164 100
162 103.7 84.4 126.6
160 45.1 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 125.527 ng

RT: 16.055 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG060325.D

Acq: 12 Jan 2024 21:12

Instrument :

BNA_G

ClientSampleId :

S2-COMPOSITE

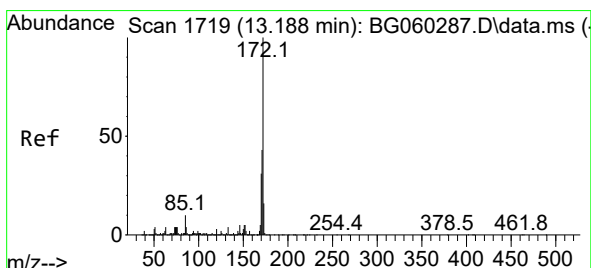
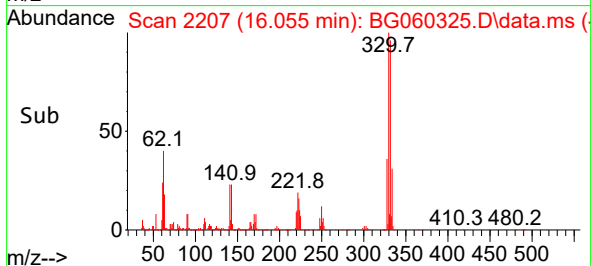
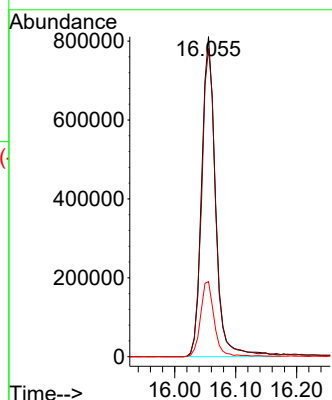
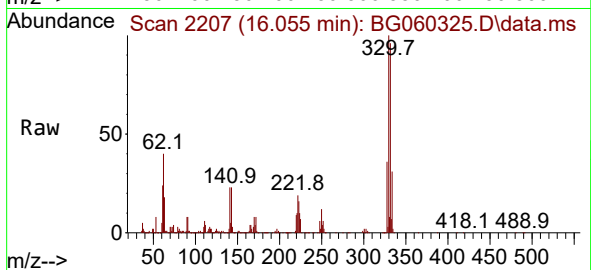
Tgt Ion:330 Resp: 1289744

Ion Ratio Lower Upper

330 100

332 96.3 76.7 115.1

141 23.1 18.6 28.0



#45

2-Fluorobiphenyl

Concen: 85.980 ng

RT: 13.188 min Scan# 1719

Delta R.T. 0.000 min

Lab File: BG060325.D

Acq: 12 Jan 2024 21:12

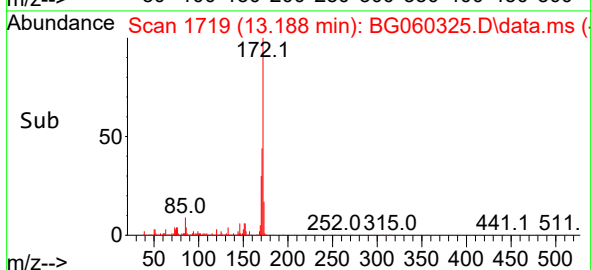
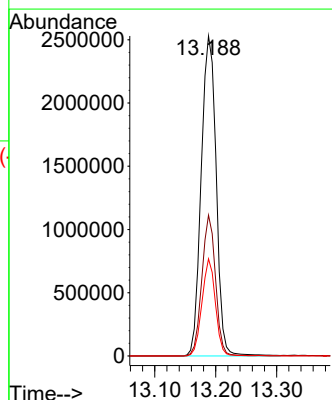
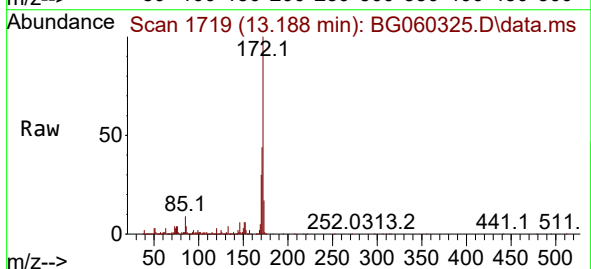
Tgt Ion:172 Resp: 4318667

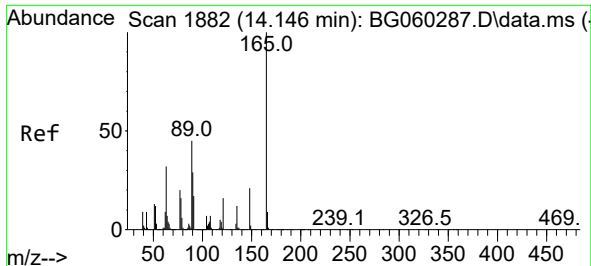
Ion Ratio Lower Upper

172 100

171 44.0 34.6 51.8

170 30.4 24.4 36.6

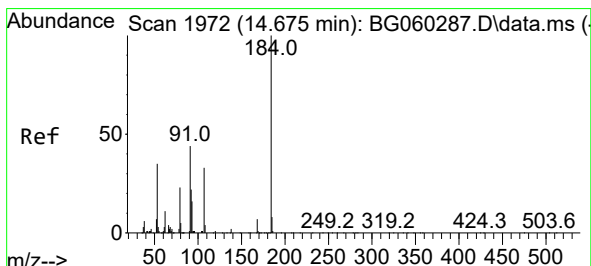
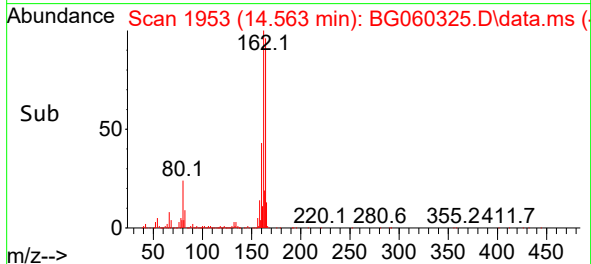
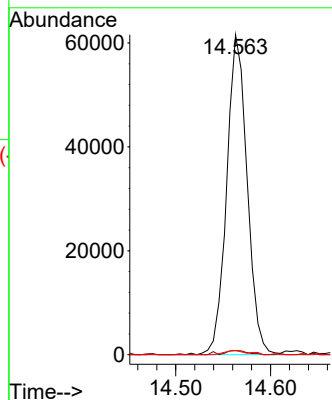
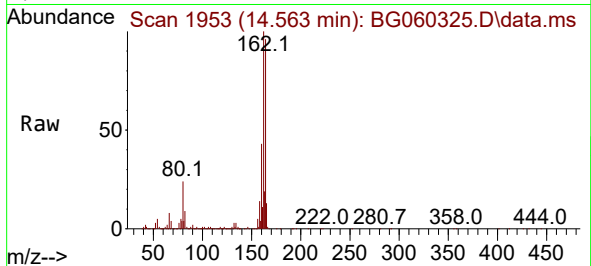




#51
2,6-Dinitrotoluene
Concen: 8.111 ng
RT: 14.563 min Scan# 1953
Delta R.T. 0.417 min
Lab File: BG060325.D
Acq: 12 Jan 2024 21:12

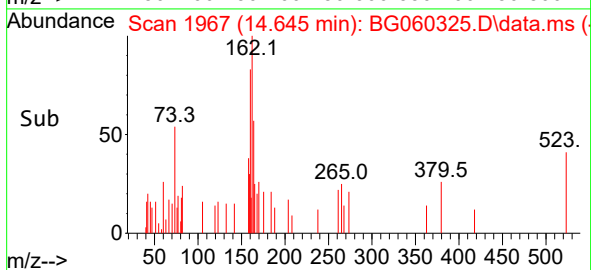
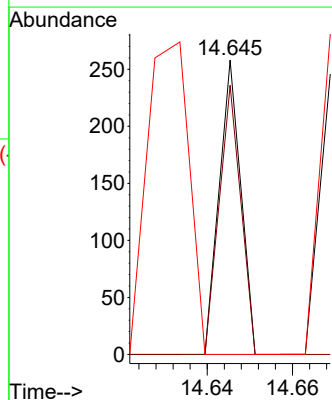
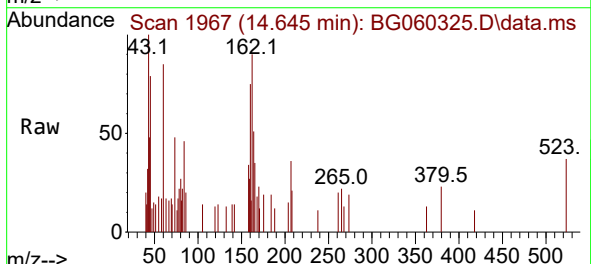
Instrument :
BNA_G
ClientSampleId :
S2-COMPOSITE

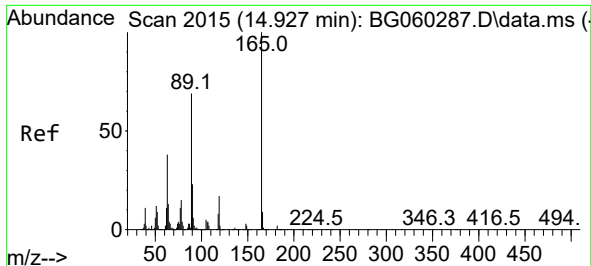
Tgt Ion:165 Resp: 92360
Ion Ratio Lower Upper
165 100
63 1.2 35.0 52.4#
89 1.3 36.2 54.2#



#54
2,4-Dinitrophenol
Concen: 8.598 ng
RT: 14.645 min Scan# 1967
Delta R.T. -0.030 min
Lab File: BG060325.D
Acq: 12 Jan 2024 21:12

Tgt Ion:184 Resp: 91
Ion Ratio Lower Upper
184 100
63 91.5 41.0 61.4#
154 0.0 39.2 58.8#





#57

2,4-Dinitrotoluene

Concen: 5.915 ng

RT: 14.563 min Scan# 1953

Delta R.T. -0.364 min

Lab File: BG060325.D

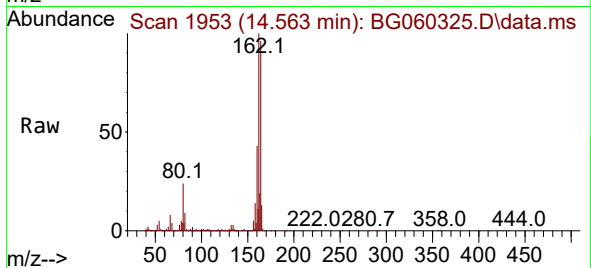
Acq: 12 Jan 2024 21:12

Instrument :

BNA_G

ClientSampleId :

S2-COMPOSITE



Tgt Ion:165 Resp: 92360

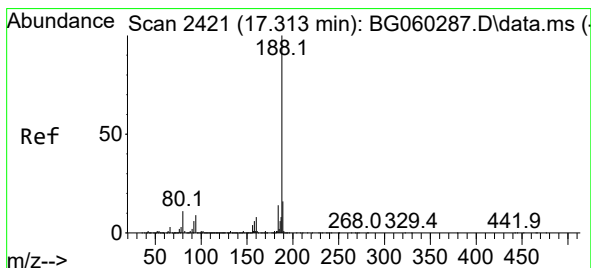
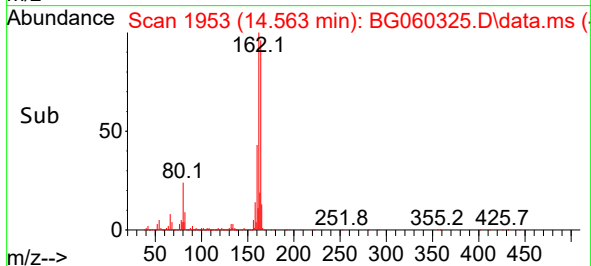
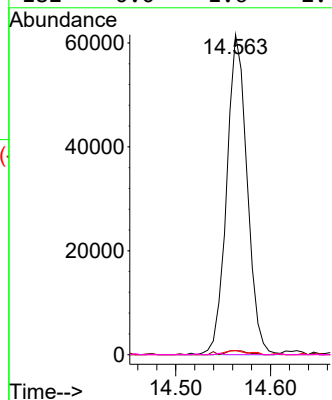
Ion Ratio Lower Upper

165 100

63 1.2 30.4 45.6#

89 1.3 55.4 83.0#

182 0.0 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.313 min Scan# 2421

Delta R.T. 0.000 min

Lab File: BG060325.D

Acq: 12 Jan 2024 21:12

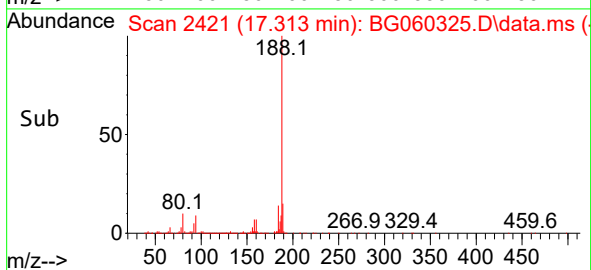
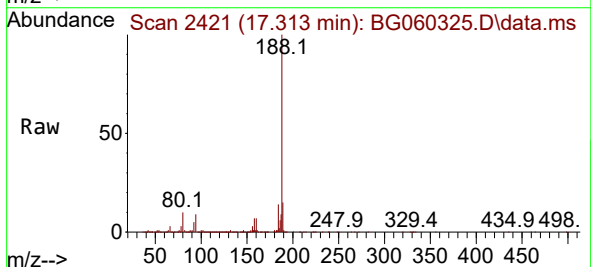
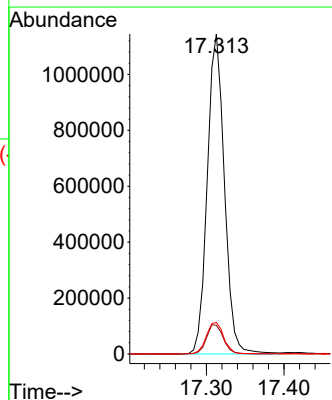
Tgt Ion:188 Resp: 1754451

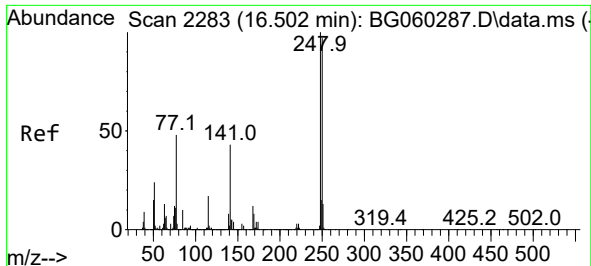
Ion Ratio Lower Upper

188 100

94 8.9 7.1 10.7

80 9.9 8.5 12.7

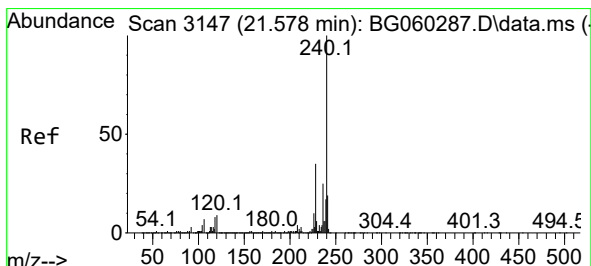
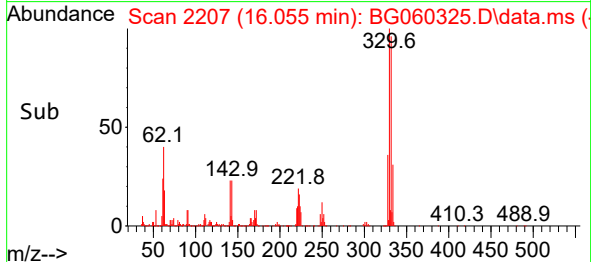
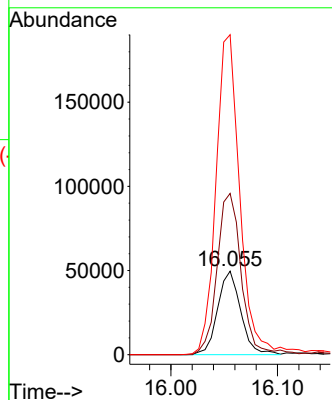
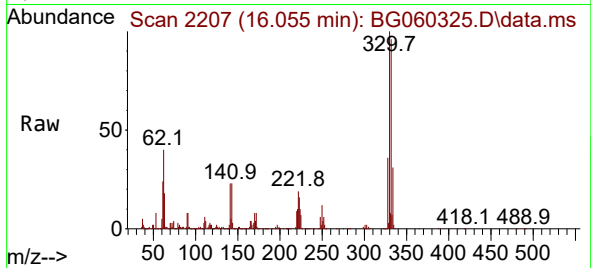




#67
4-Bromophenyl-phenylether
Concen: 3.871 ng
RT: 16.055 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG060325.D
Acq: 12 Jan 2024 21:12

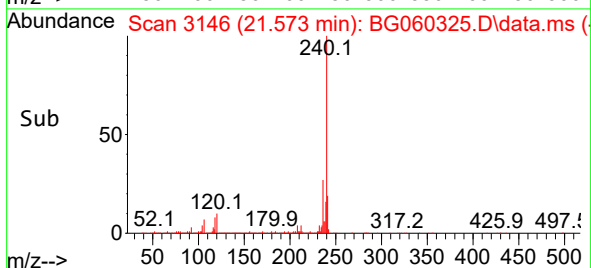
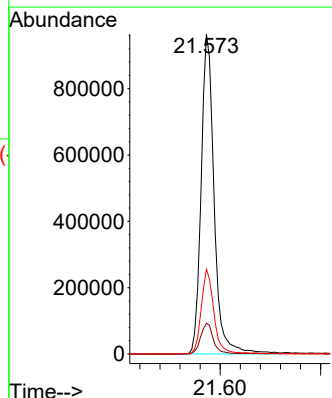
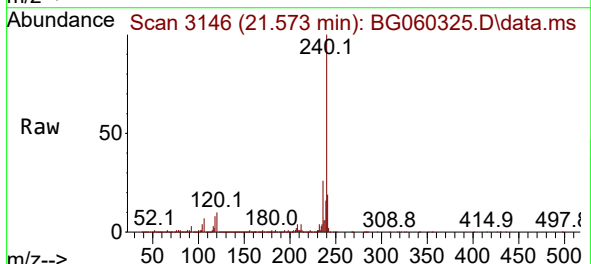
Instrument :
BNA_G
ClientSampleId :
S2-COMPOSITE

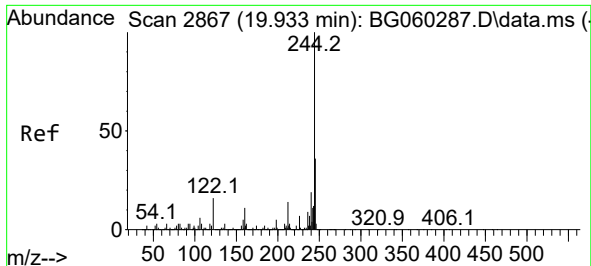
Tgt Ion:248 Resp: 74623
Ion Ratio Lower Upper
248 100
250 192.9 77.6 116.4#
141 382.9 34.2 51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.573 min Scan# 3146
Delta R.T. -0.006 min
Lab File: BG060325.D
Acq: 12 Jan 2024 21:12

Tgt Ion:240 Resp: 1732083
Ion Ratio Lower Upper
240 100
120 9.6 7.3 10.9
236 26.5 20.3 30.5

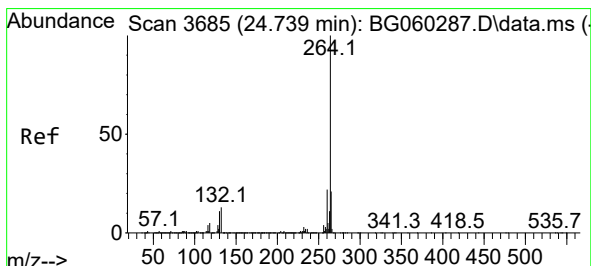
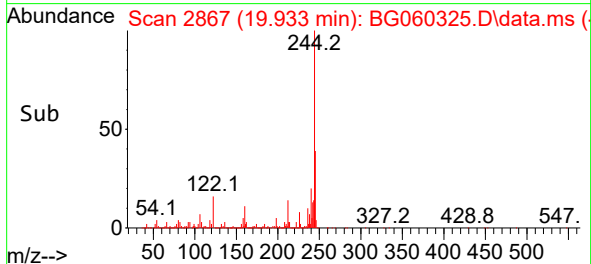
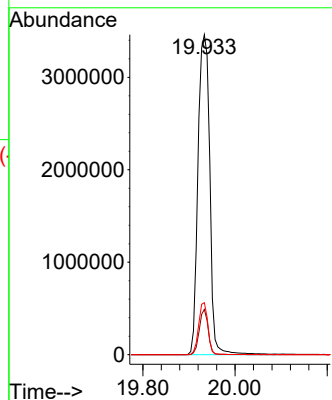
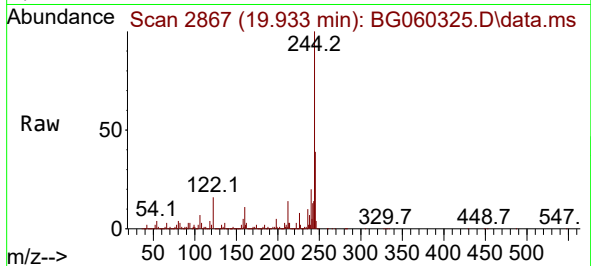




#79
Terphenyl-d14
Concen: 92.048 ng
RT: 19.933 min Scan# 2867
Delta R.T. 0.000 min
Lab File: BG060325.D
Acq: 12 Jan 2024 21:12

Instrument :
BNA_G
ClientSampleId :
S2-COMPOSITE

Tgt Ion:244 Resp: 6128427
Ion Ratio Lower Upper
244 100
212 14.2 10.9 16.3
122 16.2 12.6 18.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.739 min Scan# 3685
Delta R.T. 0.000 min
Lab File: BG060325.D
Acq: 12 Jan 2024 21:12

Tgt Ion:264 Resp: 1813977
Ion Ratio Lower Upper
264 100
260 24.7 17.8 26.6
265 22.8 16.8 25.2

