

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011224\
 Data File : BG060317.D
 Acq On : 12 Jan 2024 15:48
 Operator : MA/JU
 Sample : P1123-04
 Misc : 8270 SURROGATES
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BASIN-4-RAMP-T

Quant Time: Jan 12 16:20:44 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)

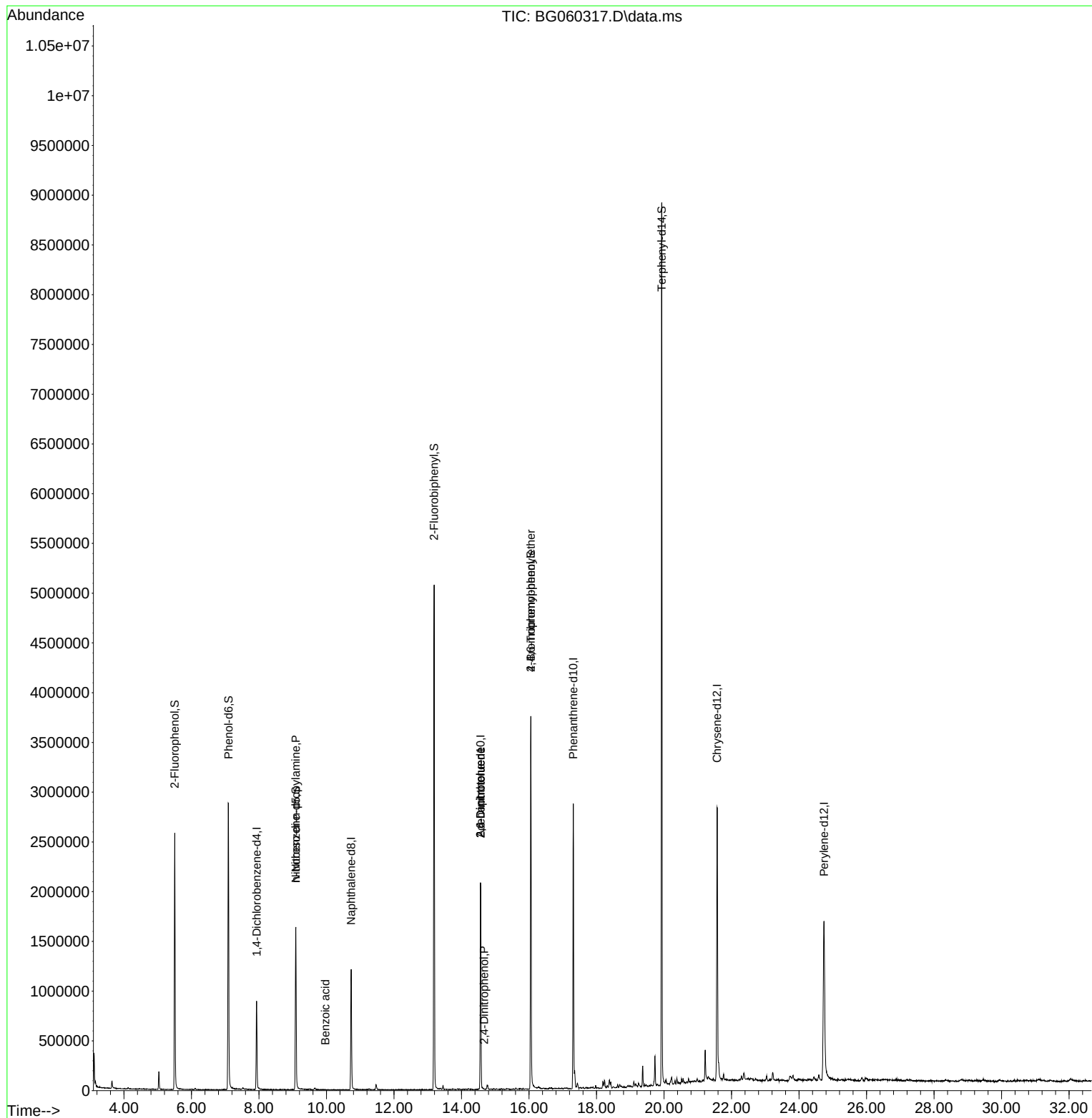
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	282927	20.000	ng	0.00
21) Naphthalene-d8	10.731	136	1093922	20.000	ng	0.00
39) Acenaphthene-d10	14.562	164	773677	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	1915299	20.000	ng	0.00
76) Chrysene-d12	21.572	240	1819870	20.000	ng	0.00
86) Perylene-d12	24.738	264	2075001	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.502	112	1225480	71.243	ng	0.00
7) Phenol-d6	7.094	99	2013099	79.034	ng	0.00
23) Nitrobenzene-d5	9.092	82	1152911	49.766	ng	0.00
42) 2,4,6-Tribromophenol	16.054	330	860321	75.579	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	2840724	51.048	ng	0.00
79) Terphenyl-d14	19.932	244	4388987	52.527	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.092	70	133783	7.589	ng	# 86
32) Benzoic acid	9.962	122	57	10.205	ng	# 1
51) 2,6-Dinitrotoluene	14.562	165	103409	8.197	ng	# 33
54) 2,4-Dinitrophenol	14.668	184	185	8.608	ng	# 36
57) 2,4-Dinitrotoluene	14.562	165	103409	5.977	ng	# 26
67) 4-Bromophenyl-phenylether	16.054	248	49360	2.345	ng	# 1

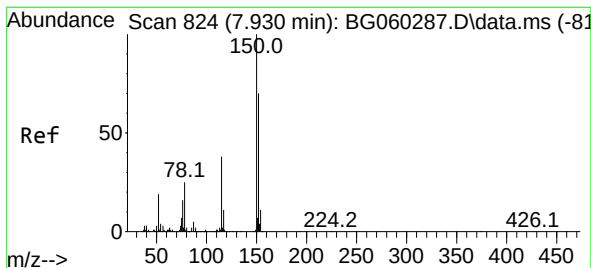
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011224\
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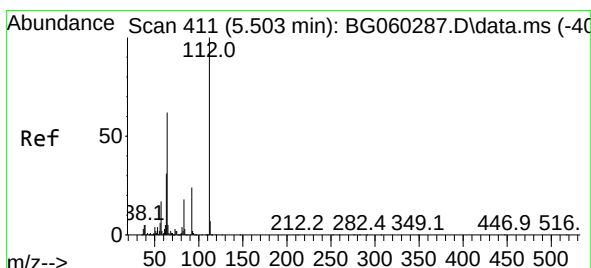
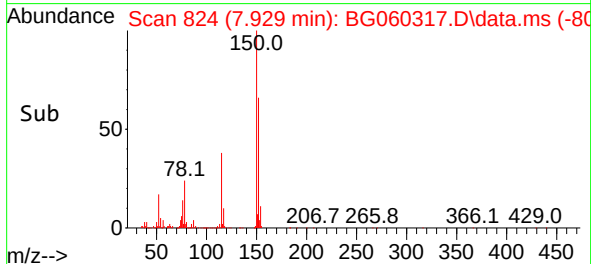
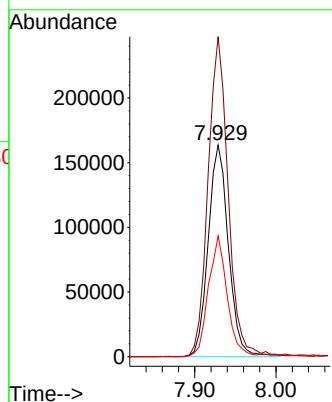
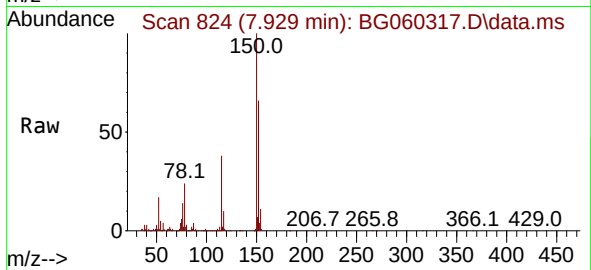




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG060317.D
Acq: 12 Jan 2024 15:48

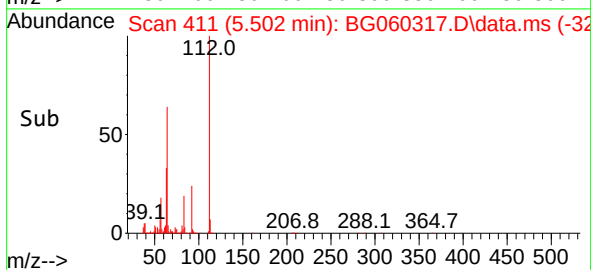
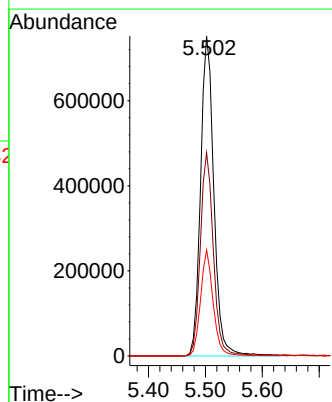
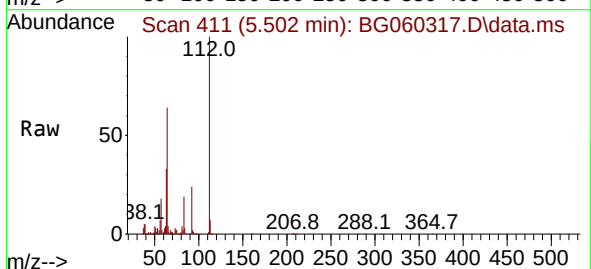
Instrument :
BNA_G
ClientSampleId :
BASIN-4-RAMP-T

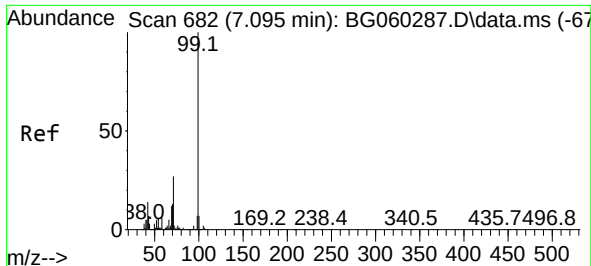
Tgt Ion:152 Resp: 282927
Ion Ratio Lower Upper
152 100
150 151.1 114.5 171.7
115 57.1 43.0 64.6



#5
2-Fluorophenol
Concen: 71.243 ng
RT: 5.502 min Scan# 411
Delta R.T. -0.001 min
Lab File: BG060317.D
Acq: 12 Jan 2024 15:48

Tgt Ion:112 Resp: 1225480
Ion Ratio Lower Upper
112 100
64 63.5 49.8 74.6
63 33.2 24.4 36.6

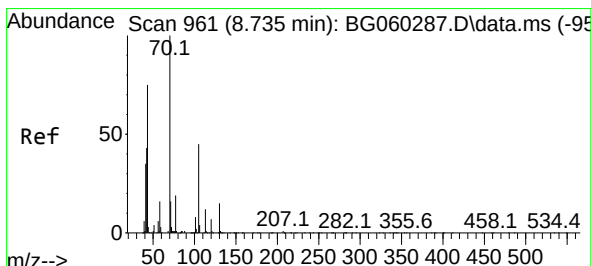
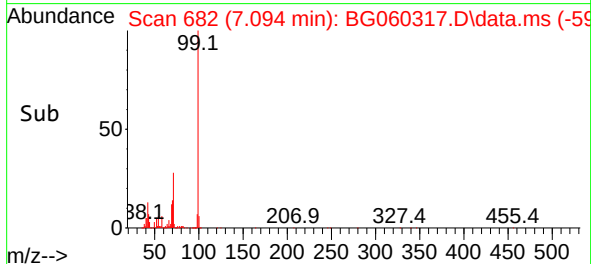
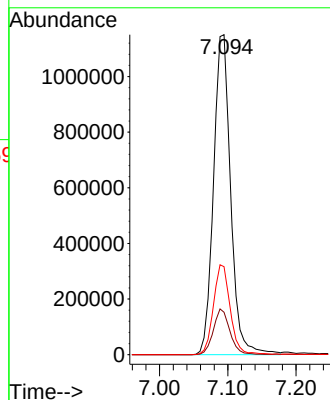
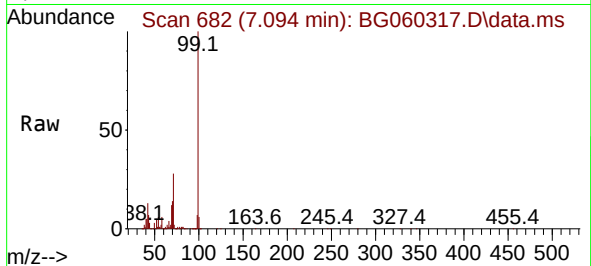




#7
Phenol-d6
Concen: 79.034 ng
RT: 7.094 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG060317.D
Acq: 12 Jan 2024 15:48

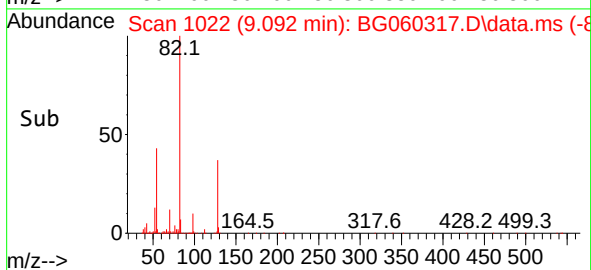
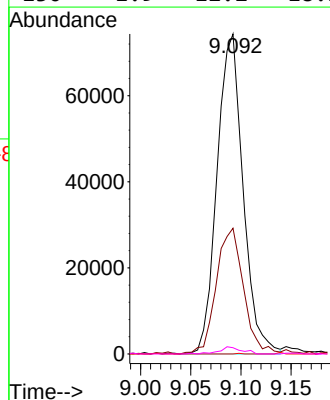
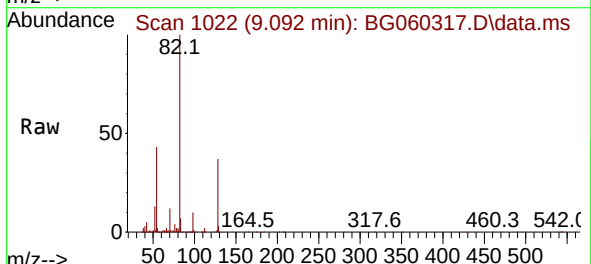
Instrument :
BNA_G
ClientSampleId :
BASIN-4-RAMP-T

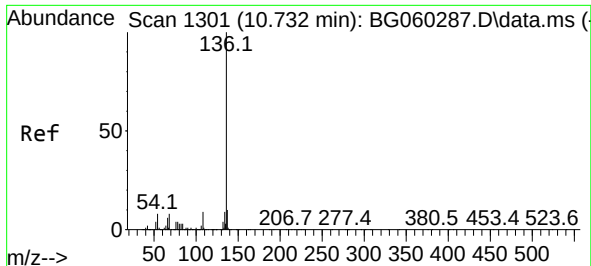
Tgt Ion: 99 Resp: 2013099
Ion Ratio Lower Upper
99 100
42 13.2 10.9 16.3
71 27.5 21.5 32.3



#19
n-Nitroso-di-n-propylamine
Concen: 7.589 ng
RT: 9.092 min Scan# 1022
Delta R.T. 0.358 min
Lab File: BG060317.D
Acq: 12 Jan 2024 15:48

Tgt Ion: 70 Resp: 133783
Ion Ratio Lower Upper
70 100
42 39.3 34.3 51.5
101 0.0 6.2 9.2#
130 1.9 12.2 18.2#



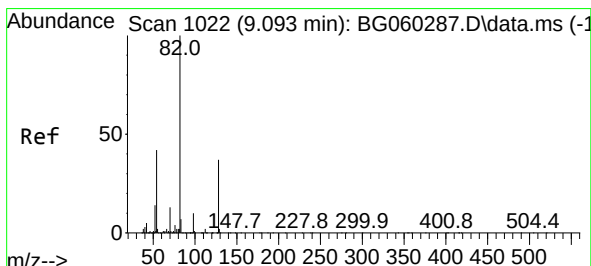
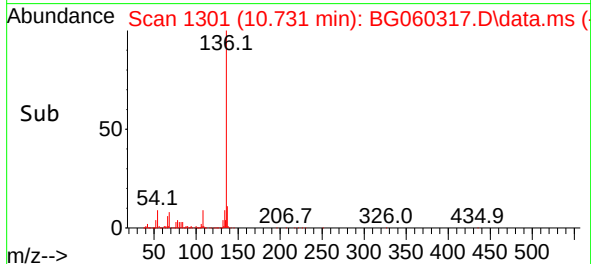
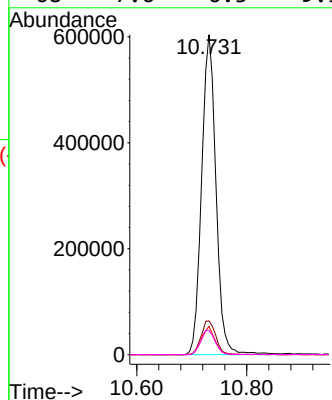
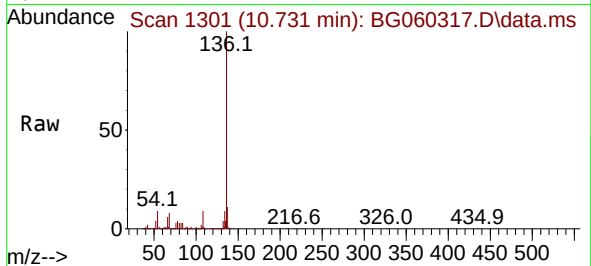


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.731 min Scan# 1301
Delta R.T. -0.001 min
Lab File: BG060317.D
Acq: 12 Jan 2024 15:48

Instrument :
BNA_G
ClientSampleId :
BASIN-4-RAMP-T

Tgt Ion:136 Resp: 1093922

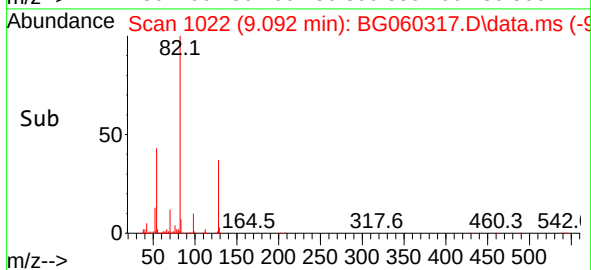
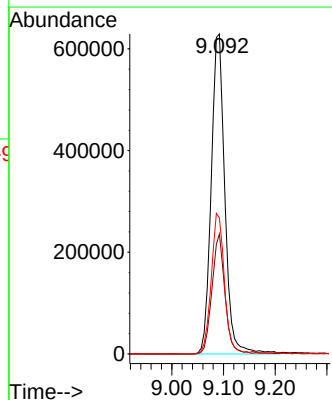
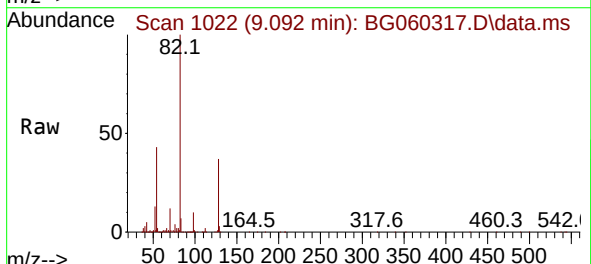
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.2	12.4
54	8.9	6.2	9.2
68	7.6	6.3	9.5

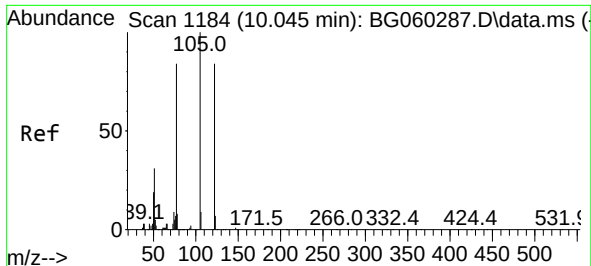


#23
Nitrobenzene-d5
Concen: 49.766 ng
RT: 9.092 min Scan# 1022
Delta R.T. -0.001 min
Lab File: BG060317.D
Acq: 12 Jan 2024 15:48

Tgt Ion: 82 Resp: 1152911

Ion	Ratio	Lower	Upper
82	100		
128	37.5	29.6	44.4
54	42.5	33.6	50.4

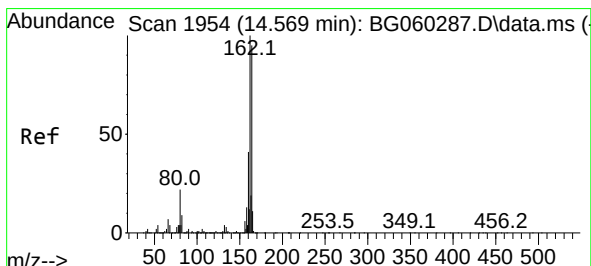
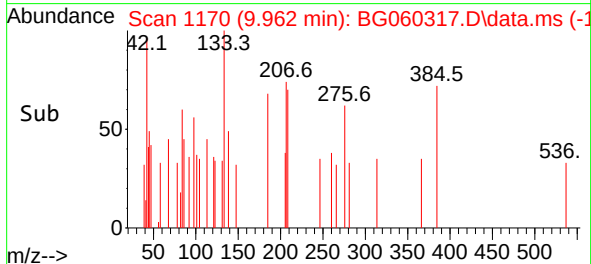
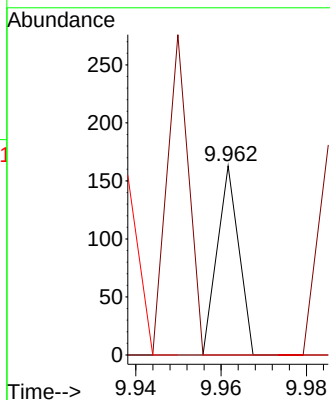
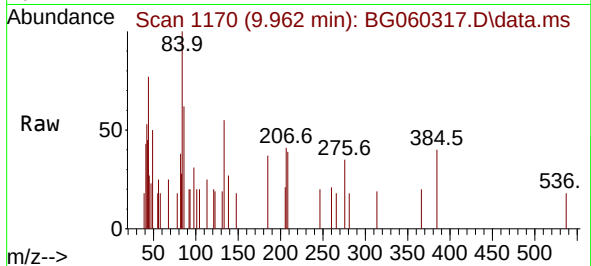




#32
Benzoic acid
Concen: 10.205 ng
RT: 9.962 min Scan# 1184
Delta R.T. -0.083 min
Lab File: BG060317.D
Acq: 12 Jan 2024 15:48

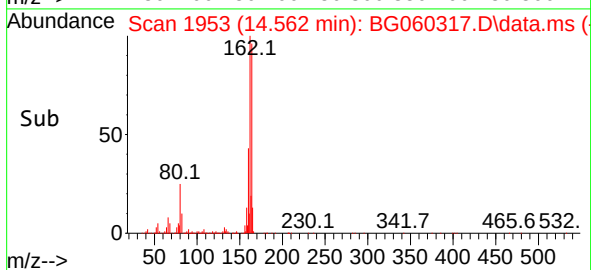
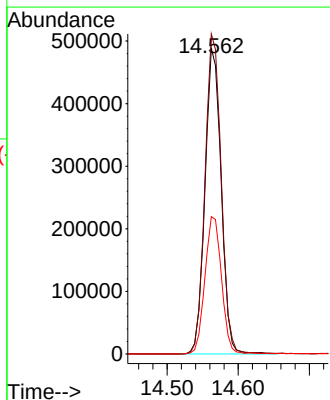
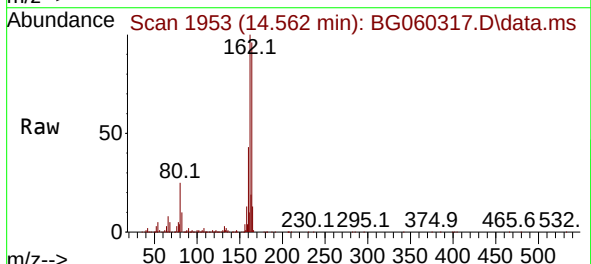
Instrument :
BNA_G
ClientSampleId :
BASIN-4-RAMP-T

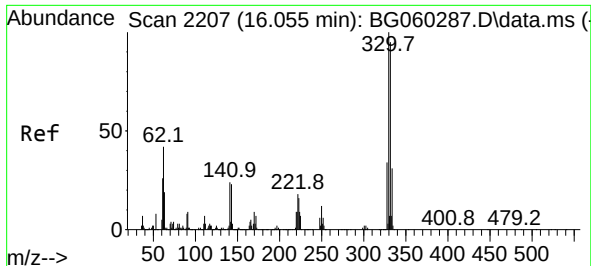
Tgt Ion:122 Resp: 57
Ion Ratio Lower Upper
122 100
105 0.0 96.0 136.0#
77 0.0 80.1 120.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.562 min Scan# 1953
Delta R.T. -0.007 min
Lab File: BG060317.D
Acq: 12 Jan 2024 15:48

Tgt Ion:164 Resp: 773677
Ion Ratio Lower Upper
164 100
162 104.7 84.4 126.6
160 44.9 34.6 52.0

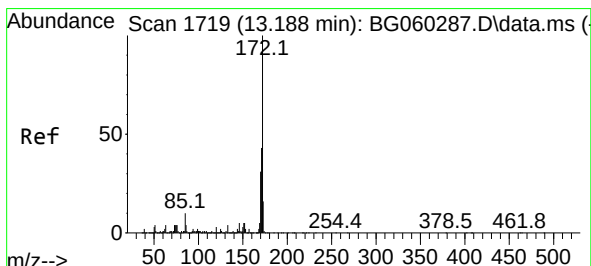
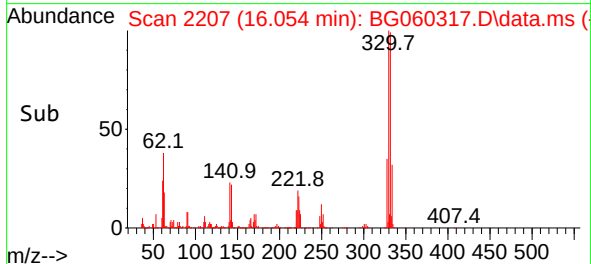
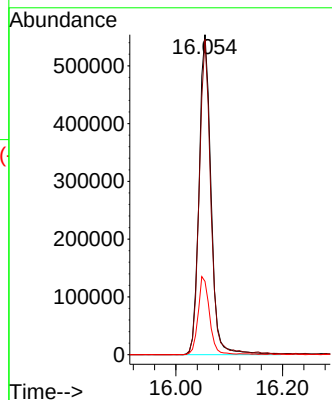
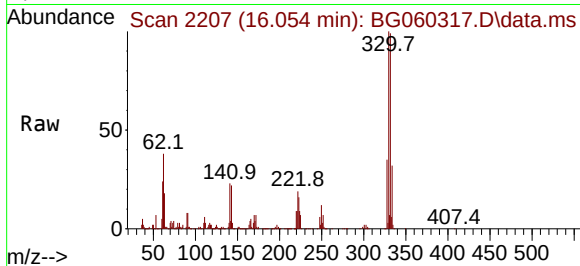




#42
2,4,6-Tribromophenol
Concen: 75.579 ng
RT: 16.054 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060317.D
Acq: 12 Jan 2024 15:48

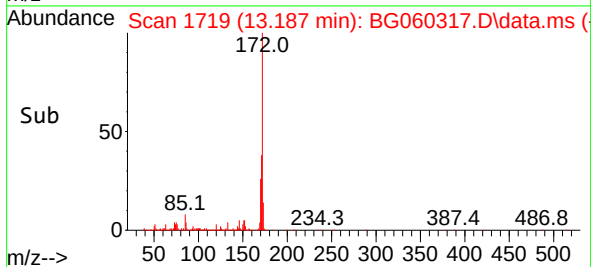
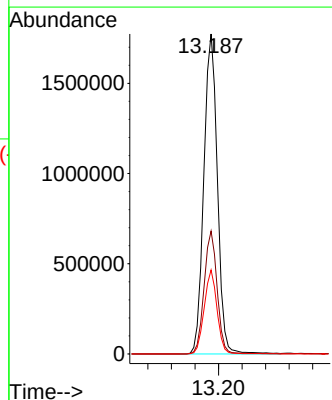
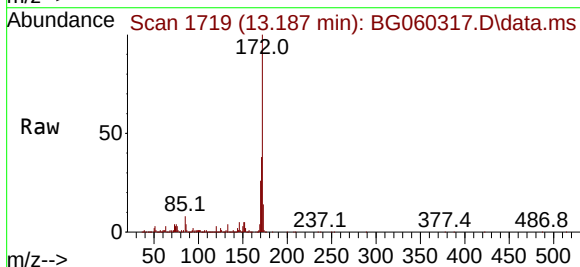
Instrument :
BNA_G
ClientSampleId :
BASIN-4-RAMP-T

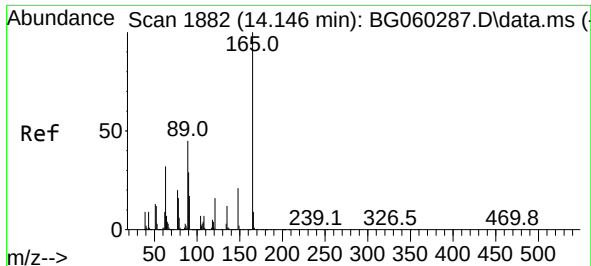
Tgt Ion:330 Resp: 860321
Ion Ratio Lower Upper
330 100
332 94.8 76.7 115.1
141 23.2 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 51.048 ng
RT: 13.187 min Scan# 1719
Delta R.T. -0.001 min
Lab File: BG060317.D
Acq: 12 Jan 2024 15:48

Tgt Ion:172 Resp: 2840724
Ion Ratio Lower Upper
172 100
171 38.4 34.6 51.8
170 26.2 24.4 36.6





#51

2,6-Dinitrotoluene

Concen: 8.197 ng

RT: 14.562 min Scan# 1953

Delta R.T. 0.416 min

Lab File: BG060317.D

Acq: 12 Jan 2024 15:48

Instrument :

BNA_G

ClientSampleId :

BASIN-4-RAMP-T

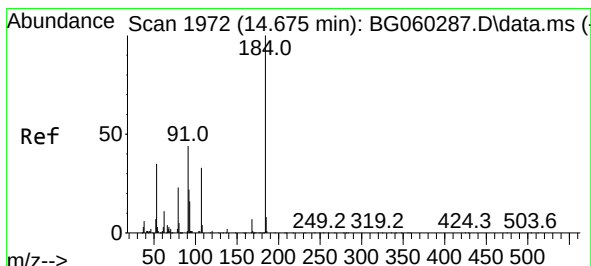
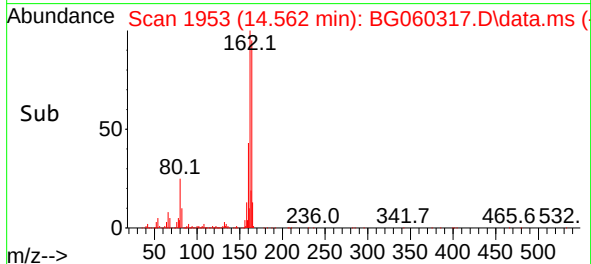
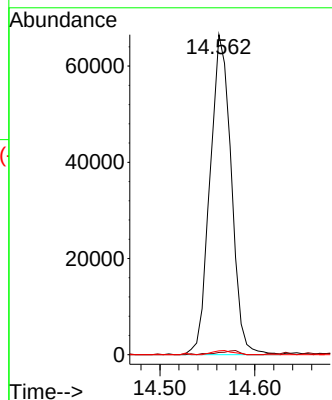
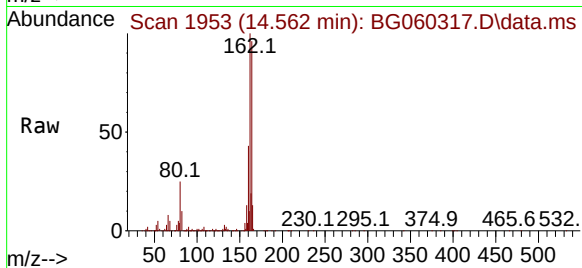
Tgt Ion:165 Resp: 103409

Ion Ratio Lower Upper

165 100

63 0.7 35.0 52.4#

89 1.2 36.2 54.2#



#54

2,4-Dinitrophenol

Concen: 8.608 ng

RT: 14.668 min Scan# 1971

Delta R.T. -0.007 min

Lab File: BG060317.D

Acq: 12 Jan 2024 15:48

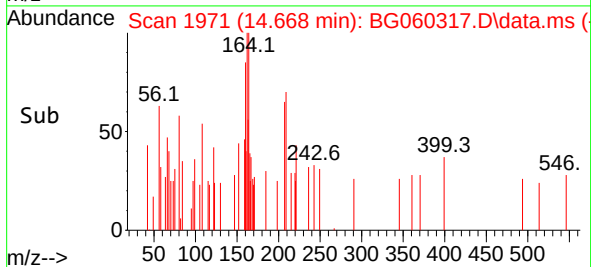
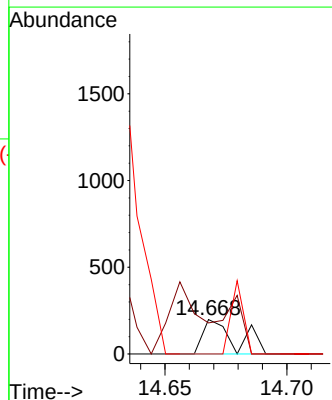
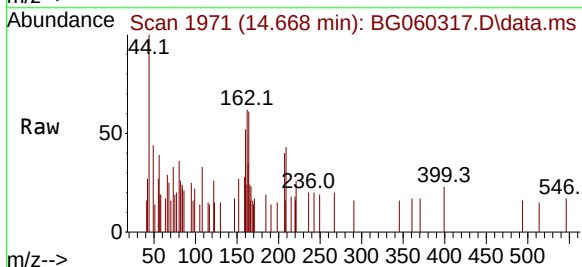
Tgt Ion:184 Resp: 185

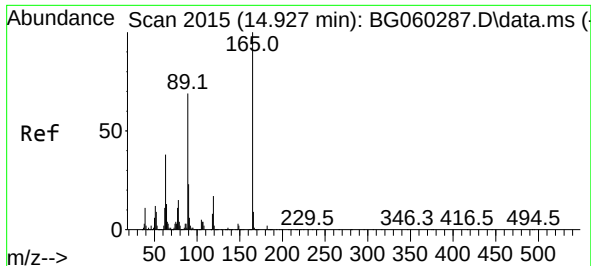
Ion Ratio Lower Upper

184 100

63 89.9 41.0 61.4#

154 0.0 39.2 58.8#

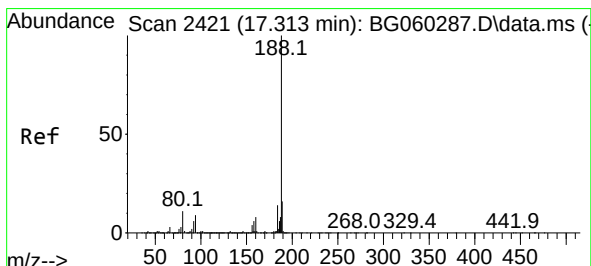
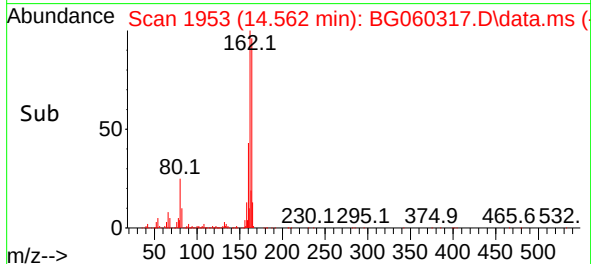
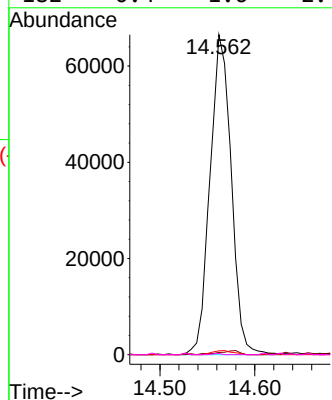
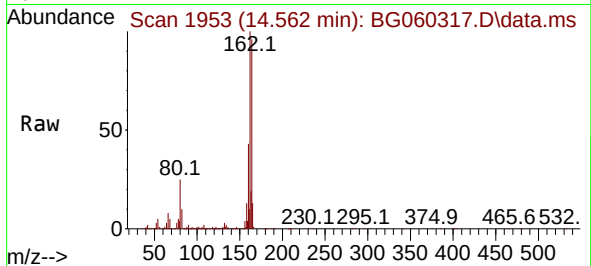




#57
2,4-Dinitrotoluene
Concen: 5.977 ng
RT: 14.562 min Scan# 1953
Delta R.T. -0.365 min
Lab File: BG060317.D
Acq: 12 Jan 2024 15:48

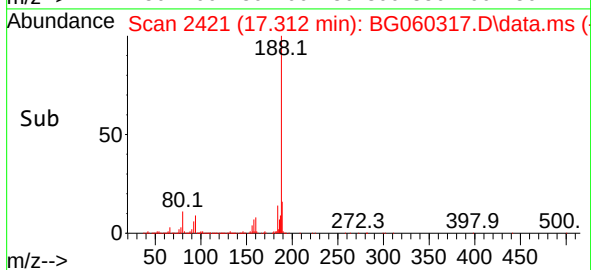
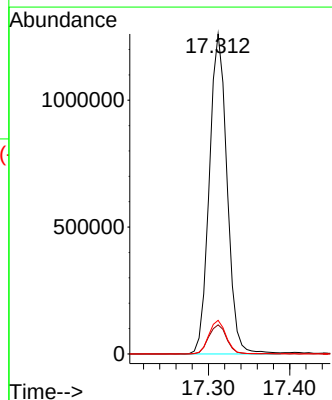
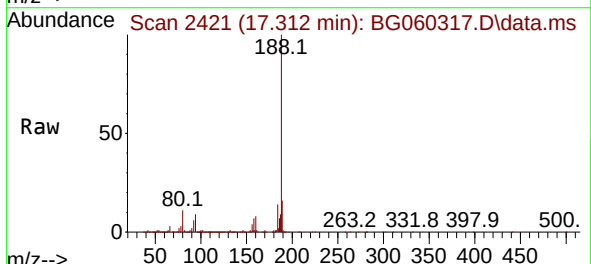
Instrument :
BNA_G
ClientSampleId :
BASIN-4-RAMP-T

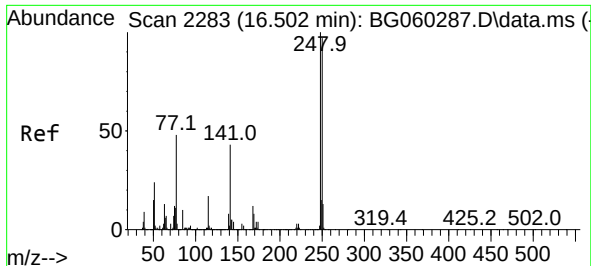
Tgt Ion:165 Resp: 103409
Ion Ratio Lower Upper
165 100
63 0.7 30.4 45.6#
89 1.2 55.4 83.0#
182 0.4 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.312 min Scan# 2421
Delta R.T. -0.001 min
Lab File: BG060317.D
Acq: 12 Jan 2024 15:48

Tgt Ion:188 Resp: 1915299
Ion Ratio Lower Upper
188 100
94 9.1 7.1 10.7
80 10.5 8.5 12.7

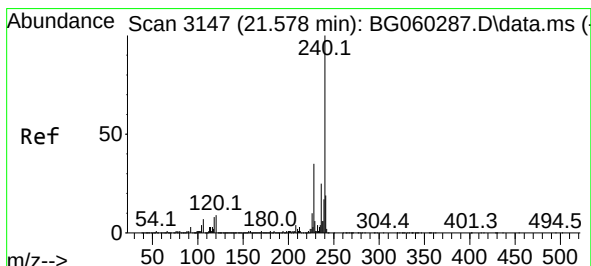
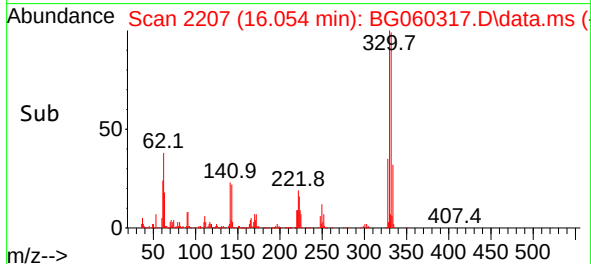
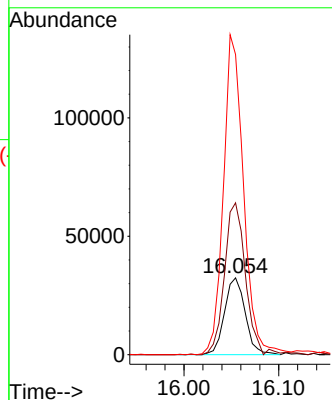
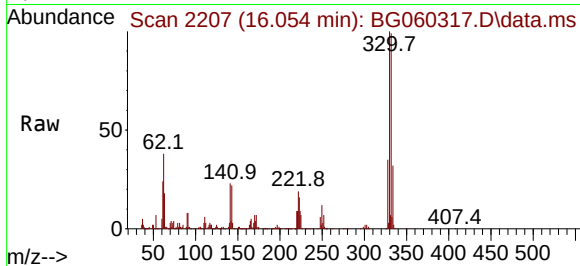




#67
4-Bromophenyl-phenylether
Concen: 2.345 ng
RT: 16.054 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG060317.D
Acq: 12 Jan 2024 15:48

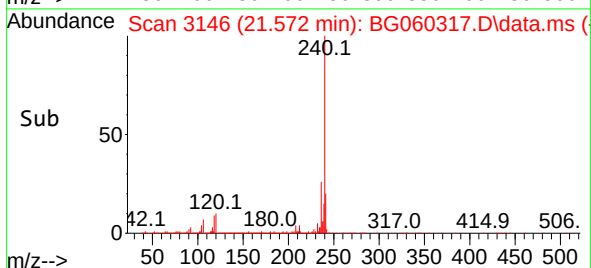
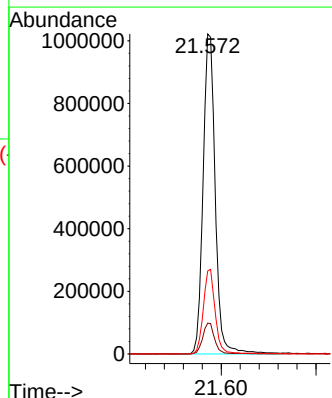
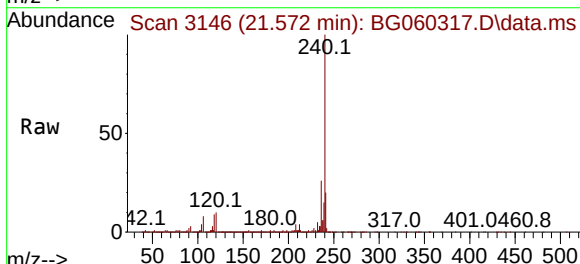
Instrument :
BNA_G
ClientSampleId :
BASIN-4-RAMP-T

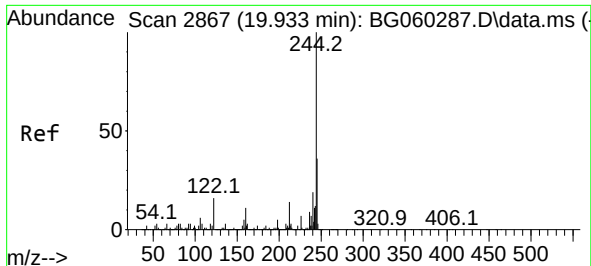
Tgt Ion:248 Resp: 49360
Ion Ratio Lower Upper
248 100
250 197.7 77.6 116.4#
141 390.8 34.2 51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3146
Delta R.T. -0.007 min
Lab File: BG060317.D
Acq: 12 Jan 2024 15:48

Tgt Ion:240 Resp: 1819870
Ion Ratio Lower Upper
240 100
120 9.6 7.3 10.9
236 26.0 20.3 30.5





#79

Terphenyl-d14

Concen: 52.527 ng

RT: 19.932 min Scan# 2

Delta R.T. -0.001 min

Lab File: BG060317.D

Acq: 12 Jan 2024 15:48

Instrument :

BNA_G

ClientSampleId :

BASIN-4-RAMP-T

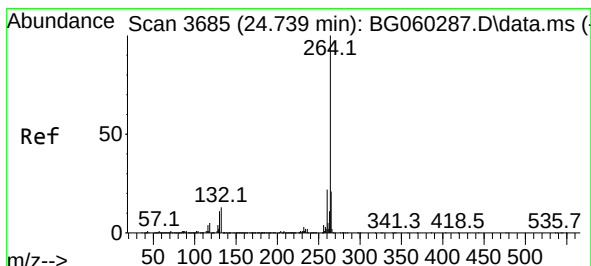
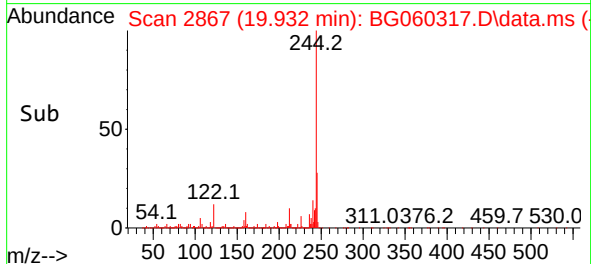
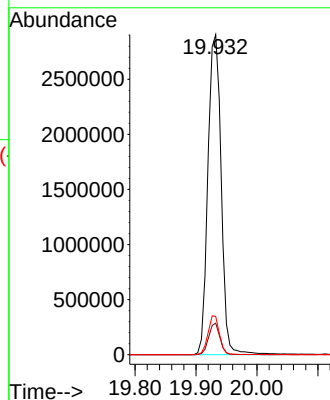
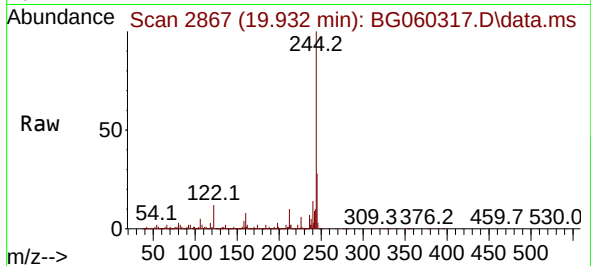
Tgt Ion:244 Resp: 4388987

Ion Ratio Lower Upper

244 100

212 9.8 10.9 16.3#

122 12.0 12.6 18.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.738 min Scan# 3685

Delta R.T. -0.001 min

Lab File: BG060317.D

Acq: 12 Jan 2024 15:48

Tgt Ion:264 Resp: 2075001

Ion Ratio Lower Upper

264 100

260 23.4 17.8 26.6

265 22.2 16.8 25.2

