

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011224\
 Data File : BG060316.D
 Acq On : 12 Jan 2024 15:08
 Operator : MA/JU
 Sample : P1117-07
 Misc : 8270 SURROGATES
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S2-COMPOSITE

Quant Time: Jan 12 15:53:48 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)

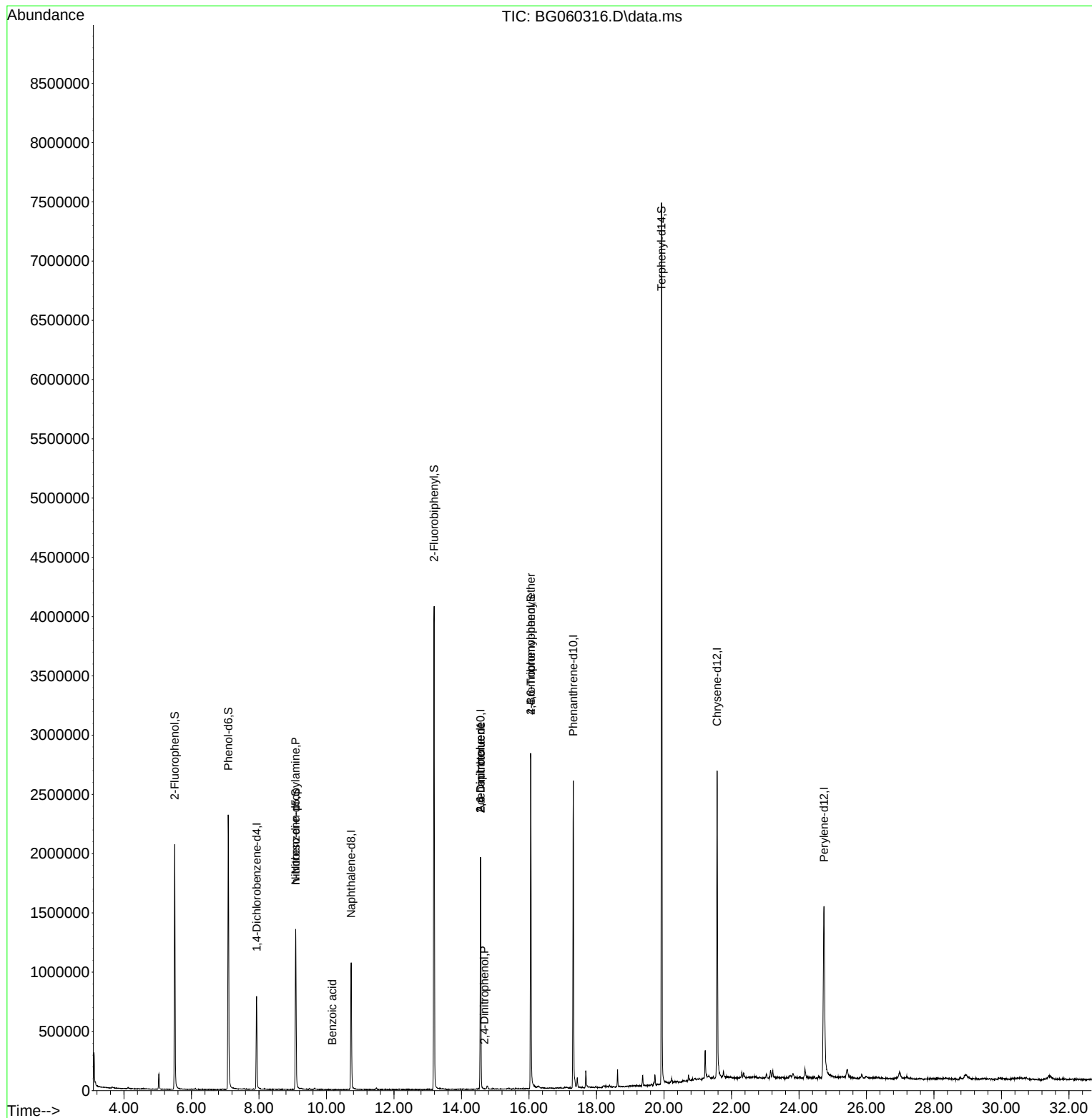
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	246915	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	985868	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	692954	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	1751773	20.000	ng	0.00
76) Chrysene-d12	21.573	240	1658065	20.000	ng	0.00
86) Perylene-d12	24.740	264	1829017	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	993851	66.204	ng	0.00
7) Phenol-d6	7.090	99	1605806	72.238	ng	0.00
23) Nitrobenzene-d5	9.087	82	961521	46.054	ng	0.00
42) 2,4,6-Tribromophenol	16.056	330	667978	65.518	ng	0.00
45) 2-Fluorobiphenyl	13.189	172	2383273	47.817	ng	0.00
79) Terphenyl-d14	19.928	244	3898955	50.782	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.087	70	111744	7.263	ng	# 88
32) Benzoic acid	10.174	122	63	10.206	ng	# 42
51) 2,6-Dinitrotoluene	14.563	165	91932	8.136	ng	# 32
54) 2,4-Dinitrophenol	14.681	184	115	8.602	ng	# 1
57) 2,4-Dinitrotoluene	14.563	165	91932	5.933	ng	# 25
67) 4-Bromophenyl-phenylether	16.056	248	40469	2.102	ng	# 1

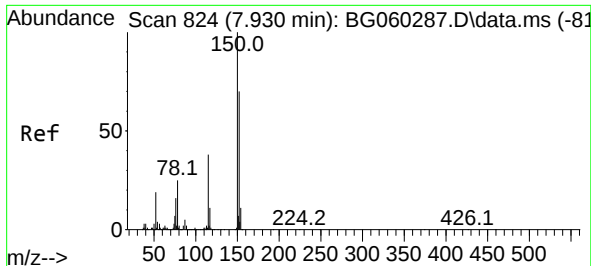
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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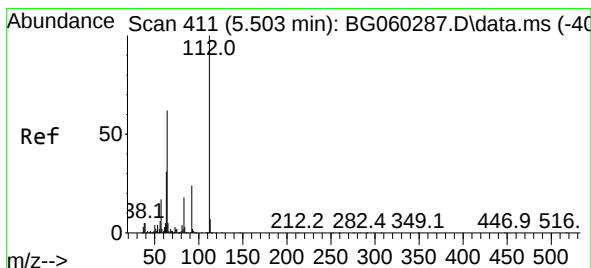
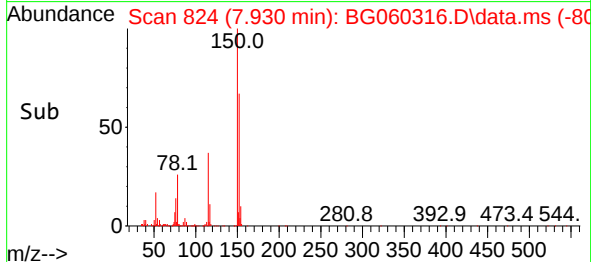
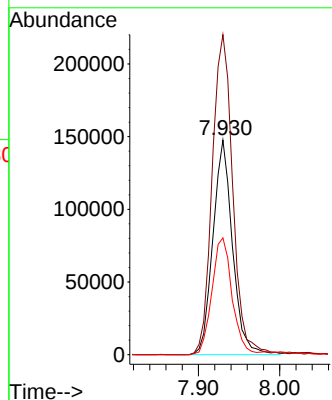
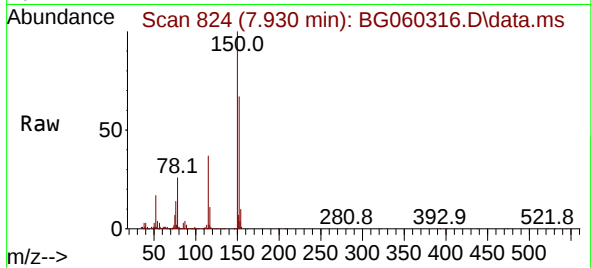




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.930 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG060316.D
Acq: 12 Jan 2024 15:08

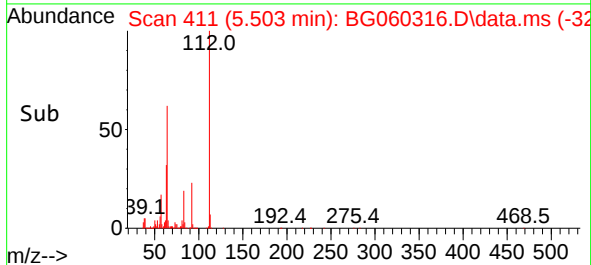
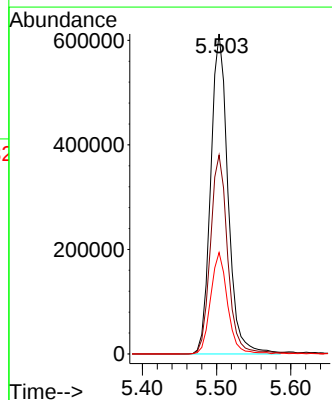
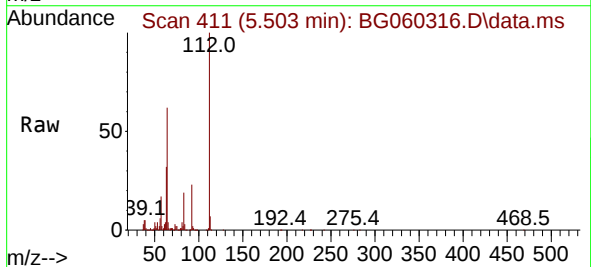
Instrument :
BNA_G
ClientSampleId :
S2-COMPOSITE

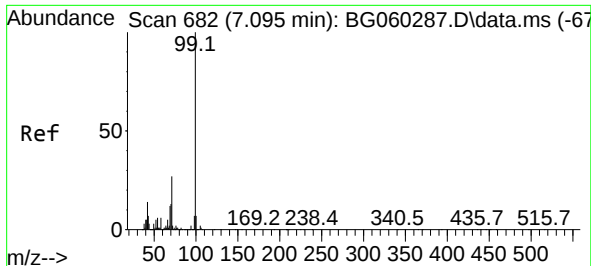
Tgt Ion:152 Resp: 246915
Ion Ratio Lower Upper
152 100
150 149.1 114.5 171.7
115 54.5 43.0 64.6



#5
2-Fluorophenol
Concen: 66.204 ng
RT: 5.503 min Scan# 411
Delta R.T. 0.000 min
Lab File: BG060316.D
Acq: 12 Jan 2024 15:08

Tgt Ion:112 Resp: 993851
Ion Ratio Lower Upper
112 100
64 62.2 49.8 74.6
63 31.7 24.4 36.6

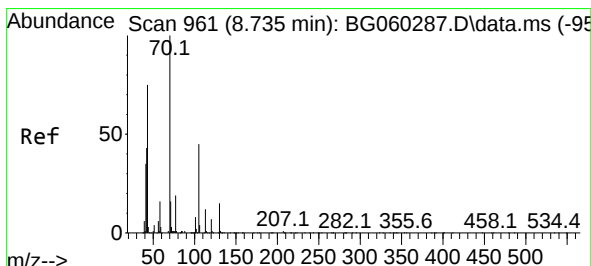
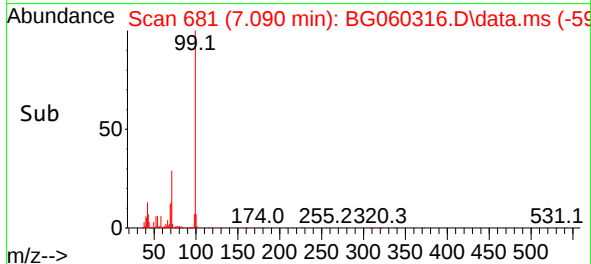
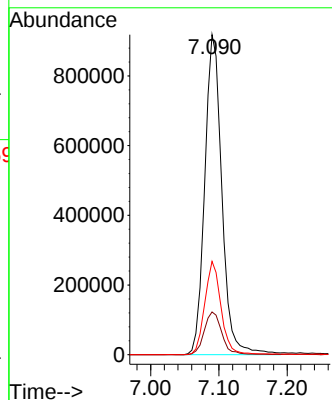
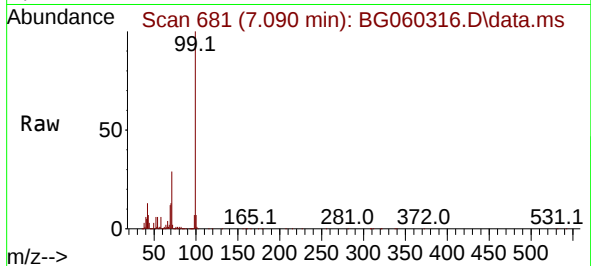




#7
Phenol-d6
Concen: 72.238 ng
RT: 7.090 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG060316.D
Acq: 12 Jan 2024 15:08

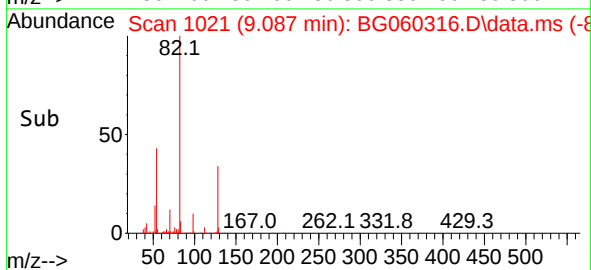
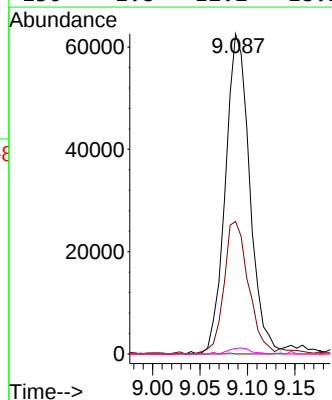
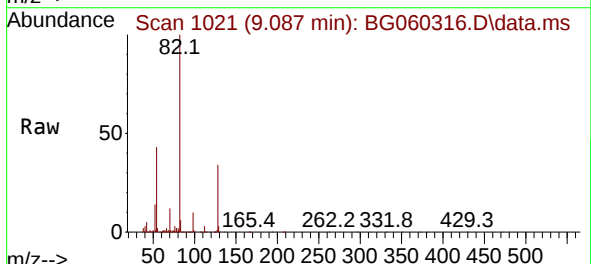
Instrument :
BNA_G
ClientSampleId :
S2-COMPOSITE

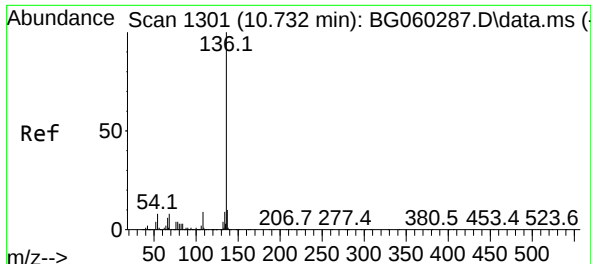
Tgt Ion: 99 Resp: 1605806
Ion Ratio Lower Upper
99 100
42 13.3 10.9 16.3
71 29.2 21.5 32.3



#19
n-Nitroso-di-n-propylamine
Concen: 7.263 ng
RT: 9.087 min Scan# 1021
Delta R.T. 0.353 min
Lab File: BG060316.D
Acq: 12 Jan 2024 15:08

Tgt Ion: 70 Resp: 111744
Ion Ratio Lower Upper
70 100
42 41.4 34.3 51.5
101 0.0 6.2 9.2#
130 1.8 12.2 18.2#

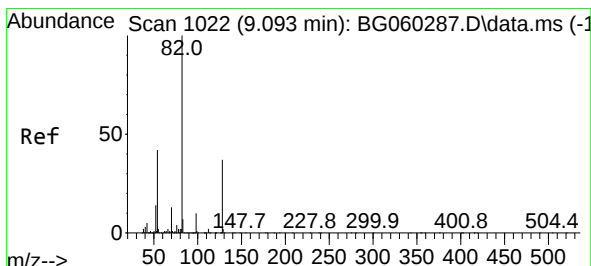
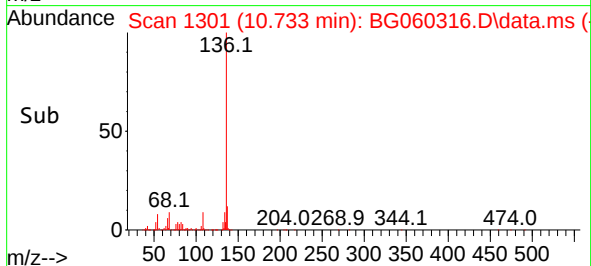
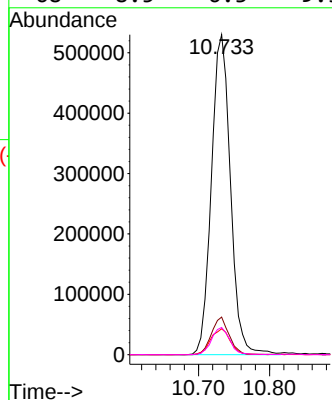
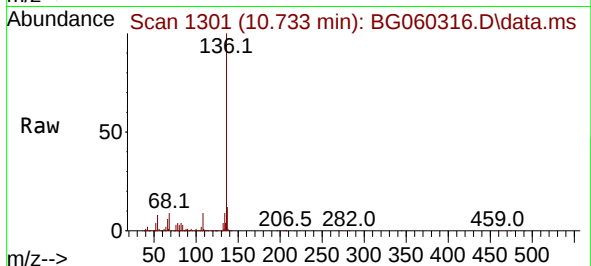




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.733 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG060316.D
Acq: 12 Jan 2024 15:08

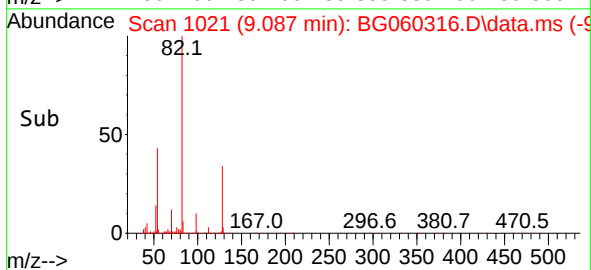
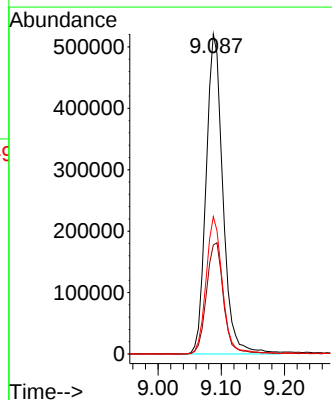
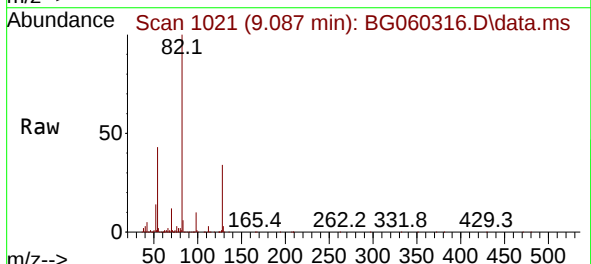
Instrument :
BNA_G
ClientSampleId :
S2-COMPOSITE

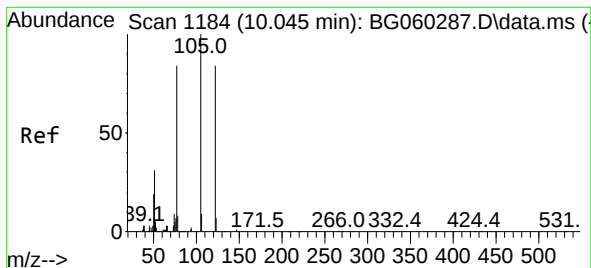
Tgt Ion:	136	Resp:	985868
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.2	12.4
54	8.1	6.2	9.2
68	8.5	6.3	9.5



#23
Nitrobenzene-d5
Concen: 46.054 ng
RT: 9.087 min Scan# 1021
Delta R.T. -0.005 min
Lab File: BG060316.D
Acq: 12 Jan 2024 15:08

Tgt Ion:	82	Resp:	961521
Ion	Ratio	Lower	Upper
82	100		
128	34.0	29.6	44.4
54	42.9	33.6	50.4

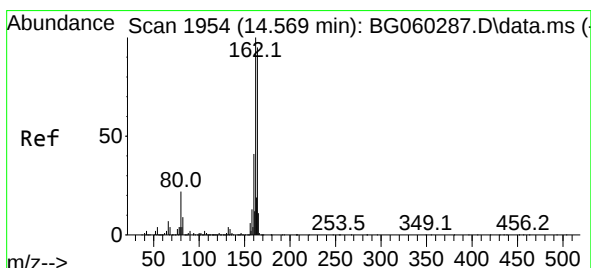
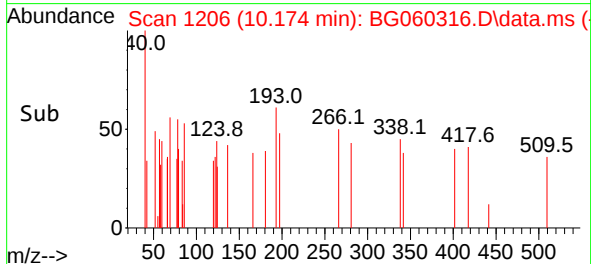
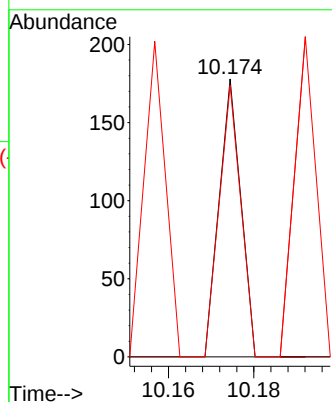
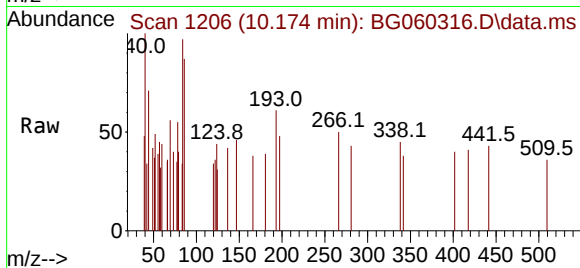




#32
Benzoic acid
Concen: 10.206 ng
RT: 10.174 min Scan# 1184
Delta R.T. 0.129 min
Lab File: BG060316.D
Acq: 12 Jan 2024 15:08

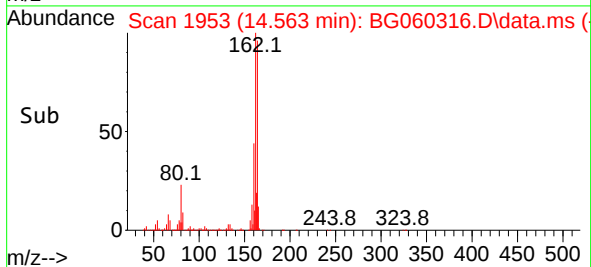
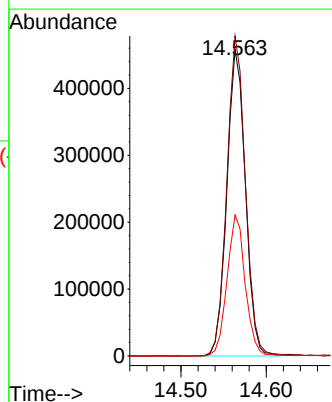
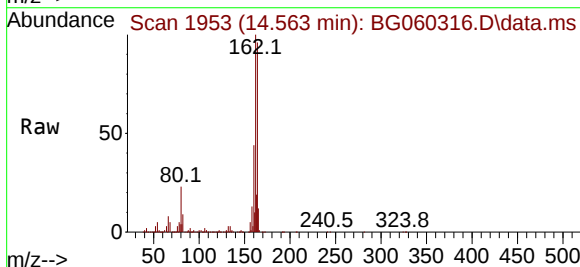
Instrument :
BNA_G
ClientSampleId :
S2-COMPOSITE

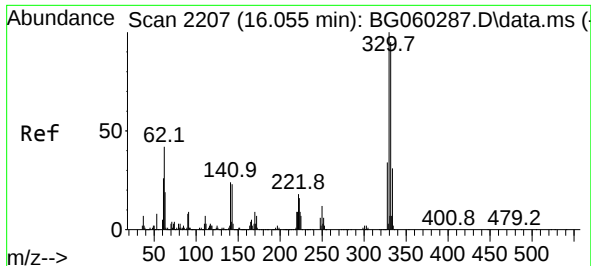
Tgt Ion:122 Resp: 63
Ion Ratio Lower Upper
122 100
105 0.0 96.0 136.0#
77 97.8 80.1 120.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.005 min
Lab File: BG060316.D
Acq: 12 Jan 2024 15:08

Tgt Ion:164 Resp: 692954
Ion Ratio Lower Upper
164 100
162 104.4 84.4 126.6
160 46.0 34.6 52.0

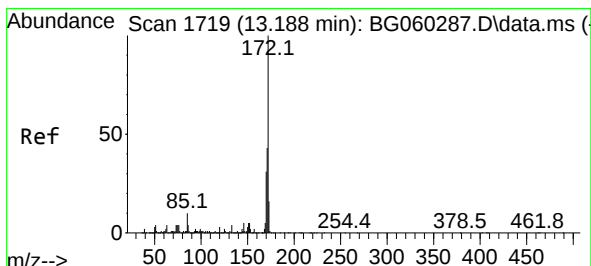
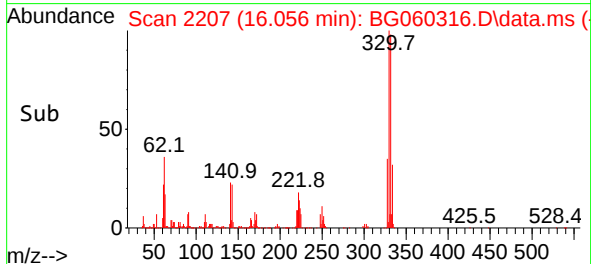
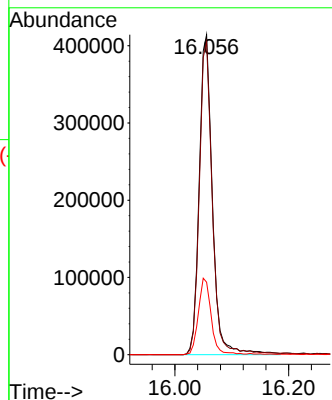
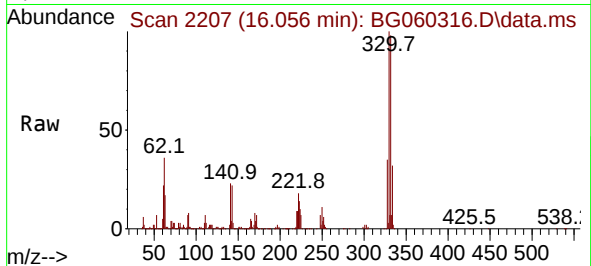




#42
2,4,6-Tribromophenol
Concen: 65.518 ng
RT: 16.056 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG060316.D
Acq: 12 Jan 2024 15:08

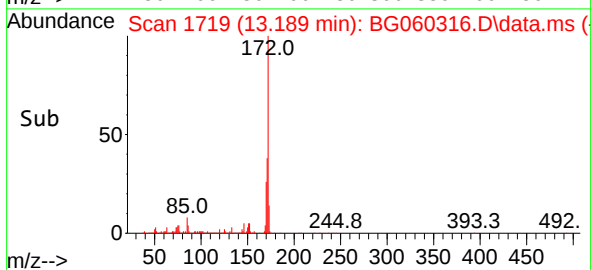
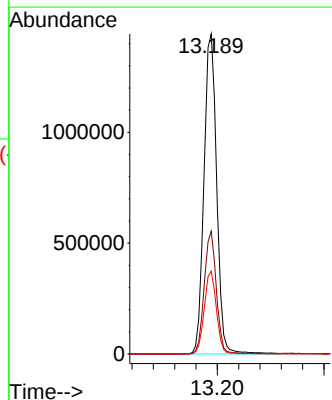
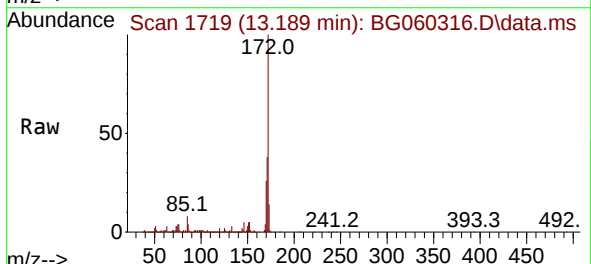
Instrument :
BNA_G
ClientSampleId :
S2-COMPOSITE

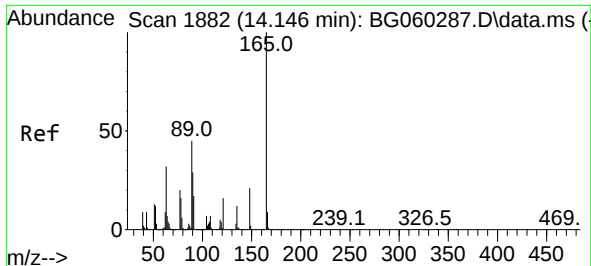
Tgt Ion:330 Resp: 667978
Ion Ratio Lower Upper
330 100
332 96.5 76.7 115.1
141 23.2 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 47.817 ng
RT: 13.189 min Scan# 1719
Delta R.T. 0.000 min
Lab File: BG060316.D
Acq: 12 Jan 2024 15:08

Tgt Ion:172 Resp: 2383273
Ion Ratio Lower Upper
172 100
171 38.4 34.6 51.8
170 25.9 24.4 36.6

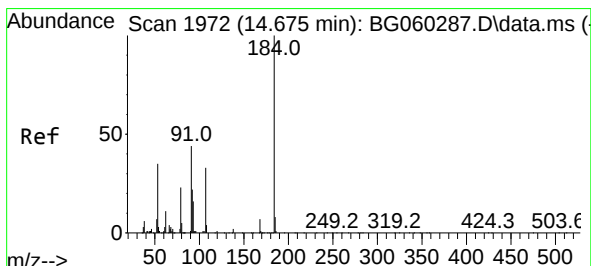
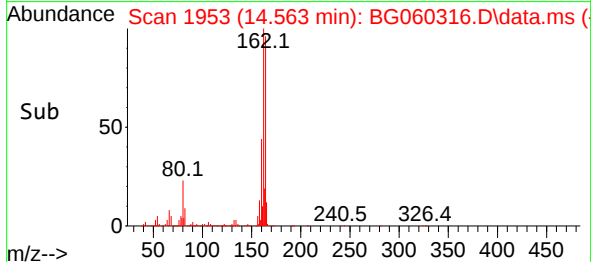
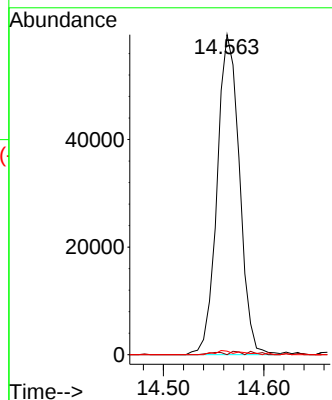
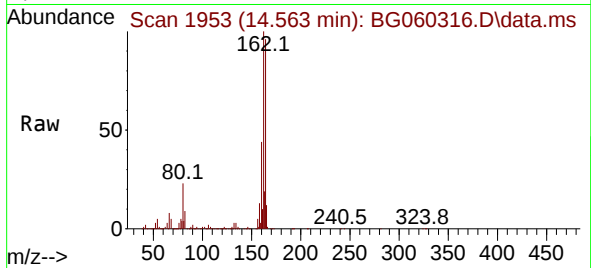




#51
2,6-Dinitrotoluene
Concen: 8.136 ng
RT: 14.563 min Scan# 1953
Delta R.T. 0.417 min
Lab File: BG060316.D
Acq: 12 Jan 2024 15:08

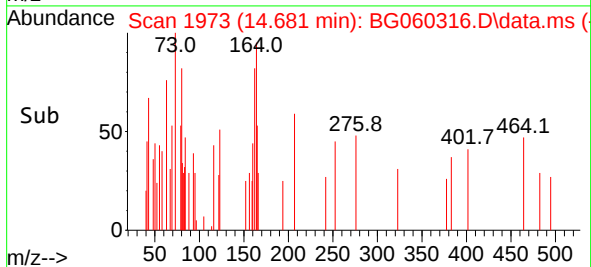
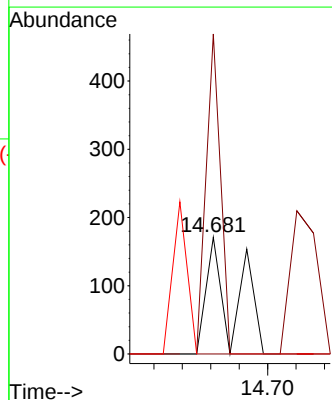
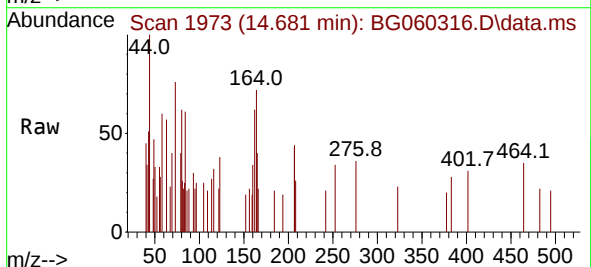
Instrument :
BNA_G
ClientSampleId :
S2-COMPOSITE

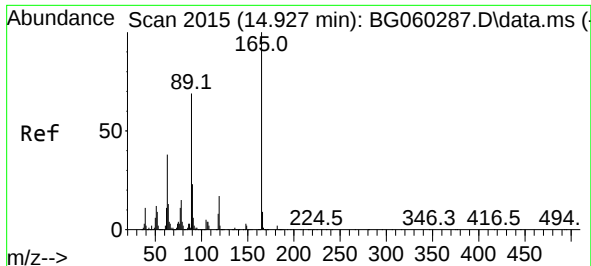
Tgt Ion:165 Resp: 91932
Ion Ratio Lower Upper
165 100
63 0.0 35.0 52.4#
89 1.1 36.2 54.2#



#54
2,4-Dinitrophenol
Concen: 8.602 ng
RT: 14.681 min Scan# 1973
Delta R.T. 0.006 min
Lab File: BG060316.D
Acq: 12 Jan 2024 15:08

Tgt Ion:184 Resp: 115
Ion Ratio Lower Upper
184 100
63 274.3 41.0 61.4#
154 0.0 39.2 58.8#





#57

2,4-Dinitrotoluene

Concen: 5.933 ng

RT: 14.563 min Scan# 1953

Delta R.T. -0.364 min

Lab File: BG060316.D

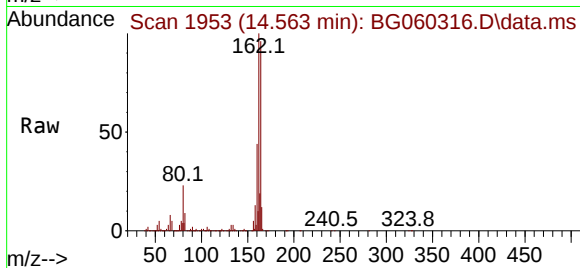
Acq: 12 Jan 2024 15:08

Instrument :

BNA_G

ClientSampleId :

S2-COMPOSITE



Tgt Ion:165 Resp: 91932

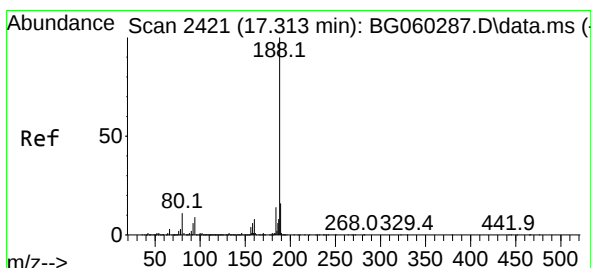
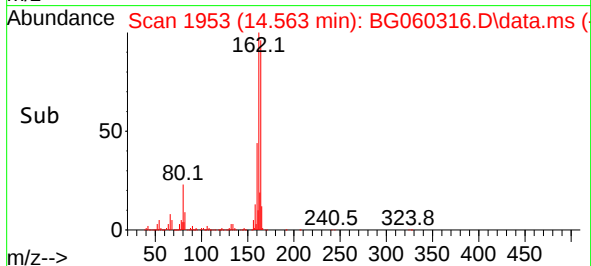
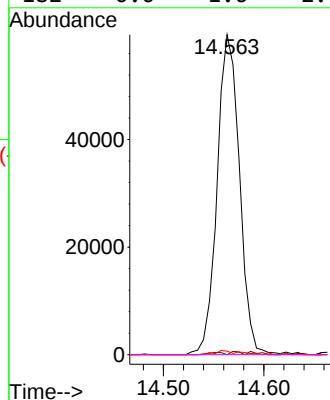
Ion Ratio Lower Upper

165 100

63 0.0 30.4 45.6#

89 1.1 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: BG060316.D

Acq: 12 Jan 2024 15:08

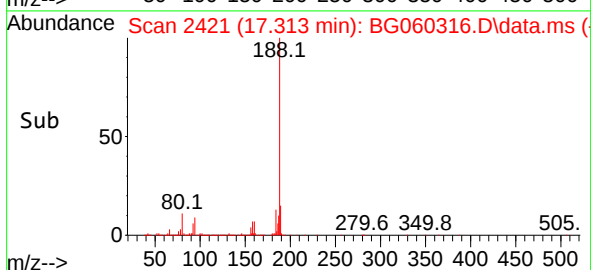
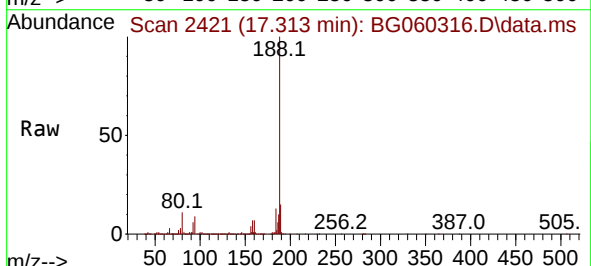
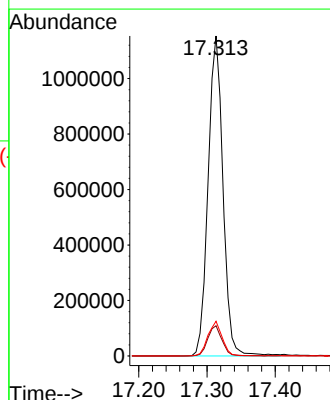
Tgt Ion:188 Resp: 1751773

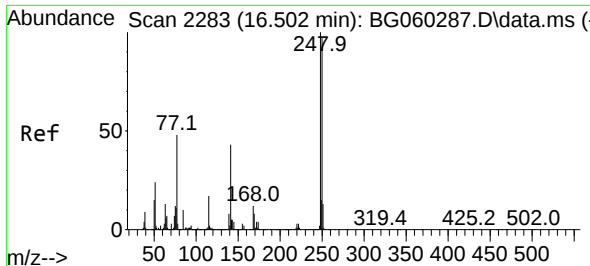
Ion Ratio Lower Upper

188 100

94 9.4 7.1 10.7

80 10.8 8.5 12.7

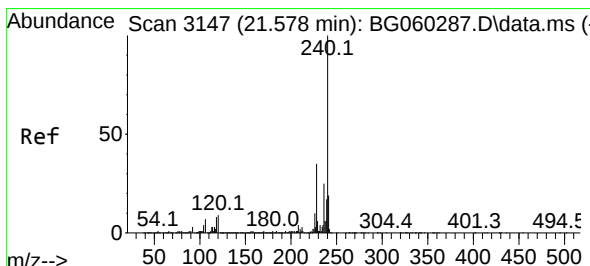
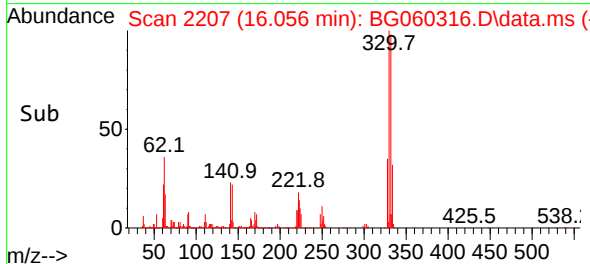
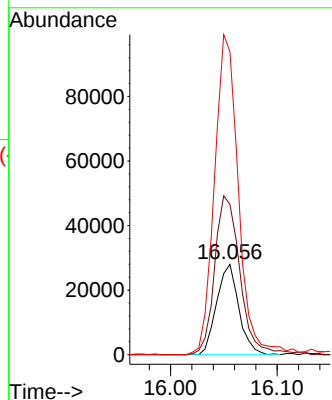
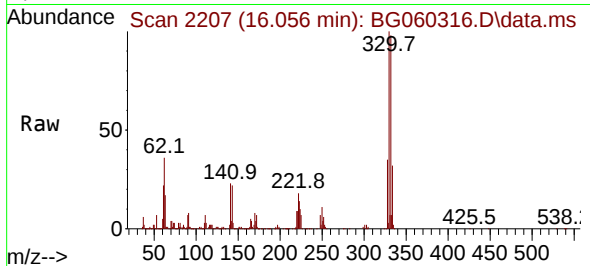




#67
4-Bromophenyl-phenylether
Concen: 2.102 ng
RT: 16.056 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG060316.D
Acq: 12 Jan 2024 15:08

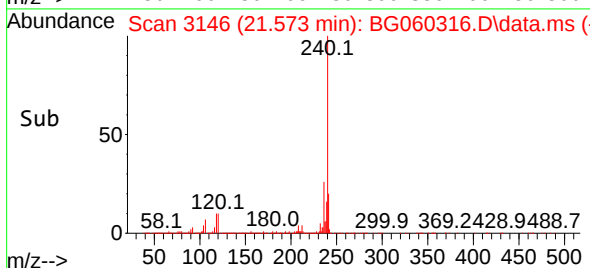
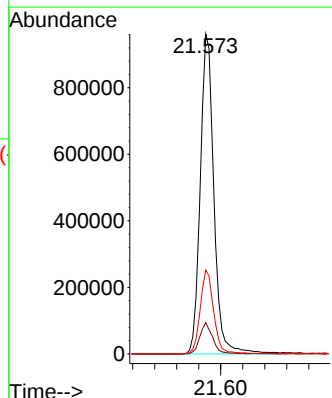
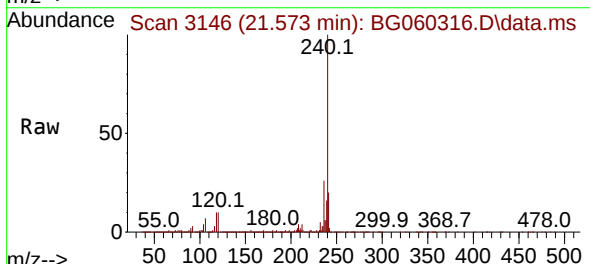
Instrument :
BNA_G
ClientSampleId :
S2-COMPOSITE

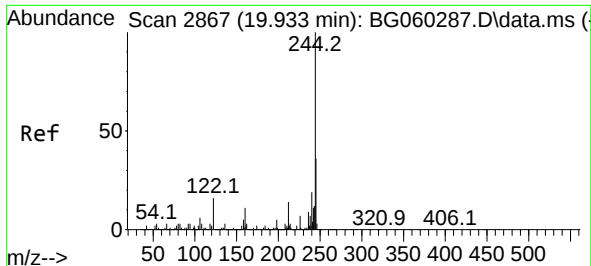
Tgt Ion:248 Resp: 40469
Ion Ratio Lower Upper
248 100
250 133.0 77.6 116.4#
141 268.2 34.2 51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.573 min Scan# 3146
Delta R.T. -0.005 min
Lab File: BG060316.D
Acq: 12 Jan 2024 15:08

Tgt Ion:240 Resp: 1658065
Ion Ratio Lower Upper
240 100
120 9.8 7.3 10.9
236 26.2 20.3 30.5

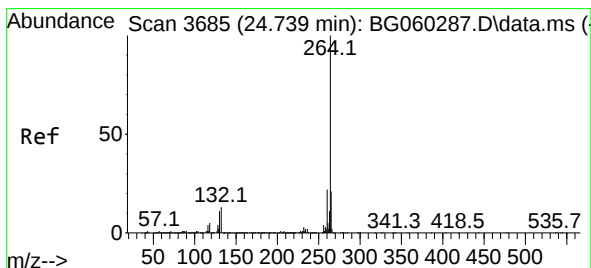
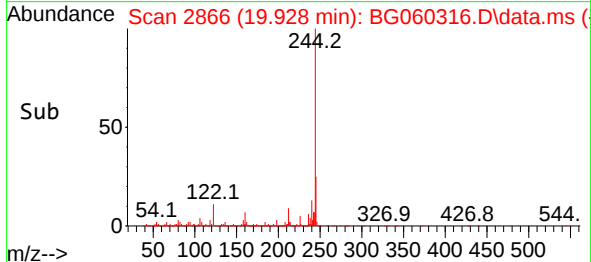
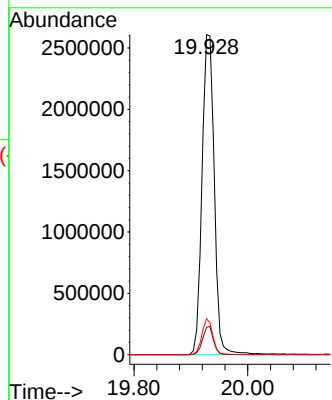
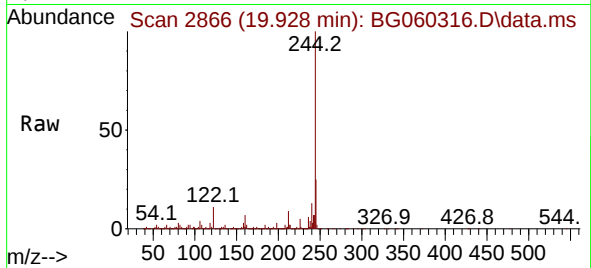




#79
 Terphenyl-d14
 Concen: 50.782 ng
 RT: 19.928 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG060316.D
 Acq: 12 Jan 2024 15:08

Instrument :
 BNA_G
 ClientSampleId :
 S2-COMPOSITE

Tgt Ion:244 Resp: 3898955
 Ion Ratio Lower Upper
 244 100
 212 8.6 10.9 16.3#
 122 11.2 12.6 18.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.740 min Scan# 3685
 Delta R.T. 0.000 min
 Lab File: BG060316.D
 Acq: 12 Jan 2024 15:08

Tgt Ion:264 Resp: 1829017
 Ion Ratio Lower Upper
 264 100
 260 23.3 17.8 26.6
 265 20.9 16.8 25.2

