

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013024\
 Data File : BG060495.D
 Acq On : 30 Jan 2024 22:44
 Operator : MA/JU
 Sample : P1285-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SECOND-AVE-TP-1

Quant Time: Jan 31 01:26:16 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)

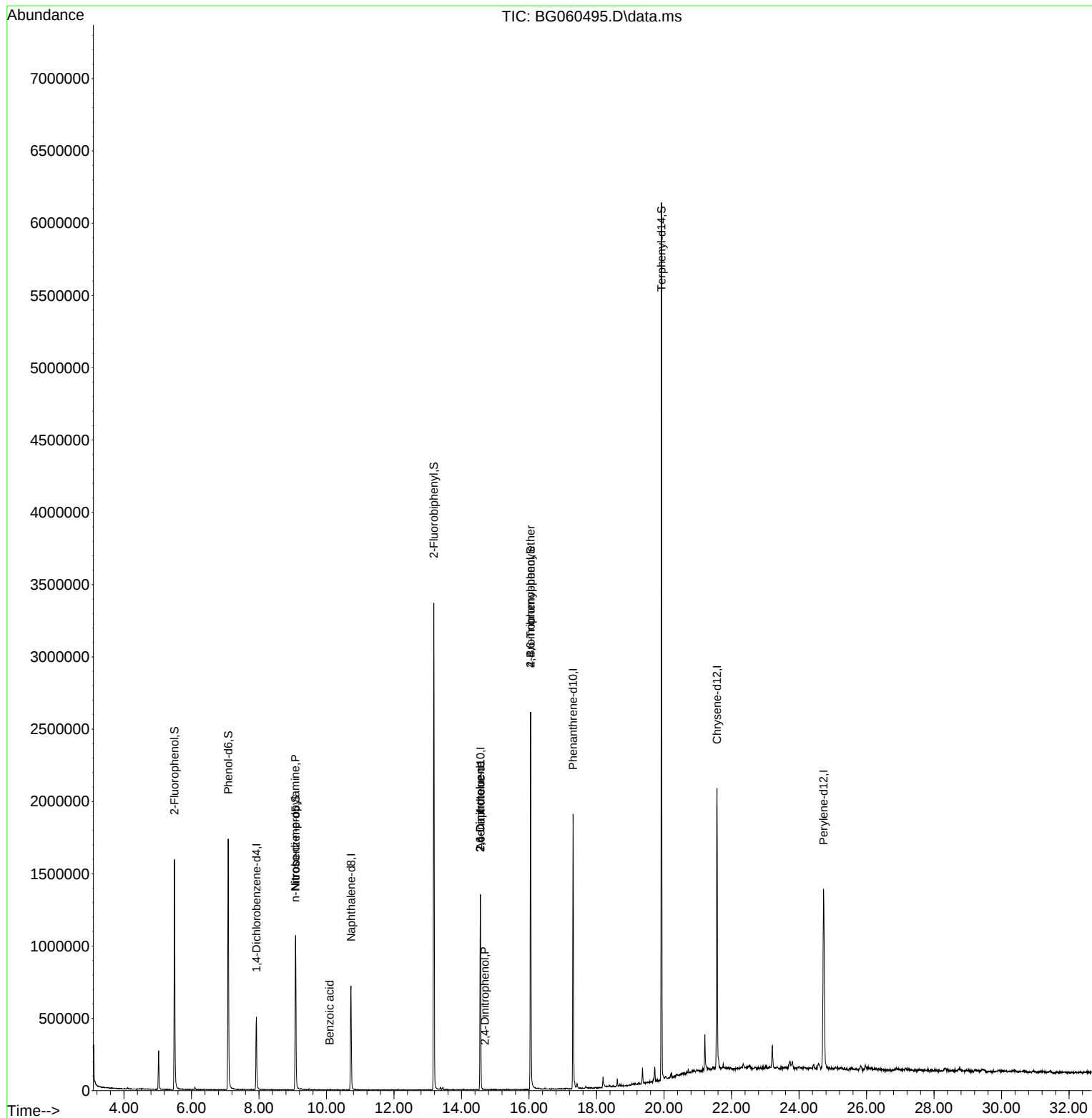
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	164982	20.000	ng	0.00
21) Naphthalene-d8	10.726	136	671296	20.000	ng	# 0.00
39) Acenaphthene-d10	14.562	164	509157	20.000	ng	0.00
64) Phenanthrene-d10	17.306	188	1313382	20.000	ng	0.00
76) Chrysene-d12	21.572	240	1227134	20.000	ng	0.00
86) Perylene-d12	24.727	264	1386712	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	779716	77.734	ng	0.00
7) Phenol-d6	7.089	99	1182928	79.642	ng	0.00
23) Nitrobenzene-d5	9.086	82	741389	52.150	ng	0.00
42) 2,4,6-Tribromophenol	16.049	330	620191	82.790	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	1948068	53.194	ng	0.00
79) Terphenyl-d14	19.927	244	3173850	57.744	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.080	70	89911	8.746	ng	# 81
32) Benzoic acid	10.097	122	77	10.210	ng	# 1
51) 2,6-Dinitrotoluene	14.556	165	69435	8.363	ng	# 33
54) 2,4-Dinitrophenol	14.692	184	120	8.608	ng	# 27
57) 2,4-Dinitrotoluene	14.556	165	69435	6.099	ng	# 26
67) 4-Bromophenyl-phenylether	16.049	248	40489	2.806	ng	# 1

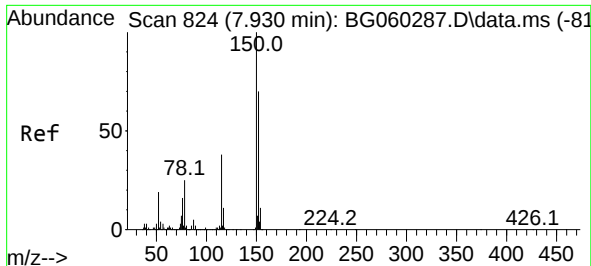
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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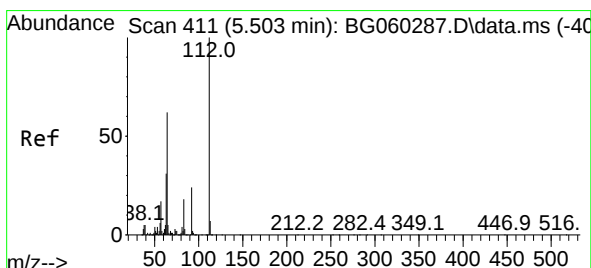
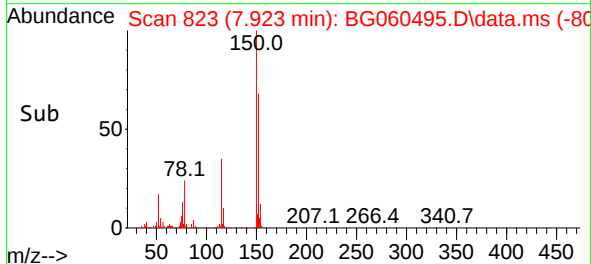
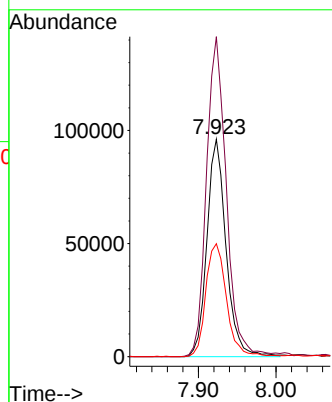
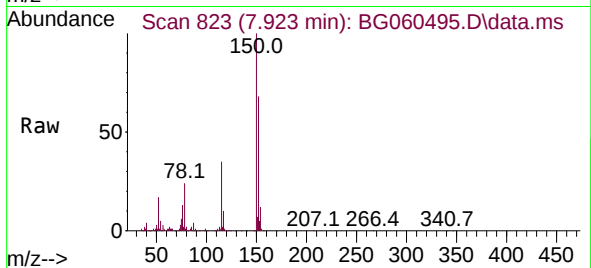




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.923 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG060495.D
Acq: 30 Jan 2024 22:44

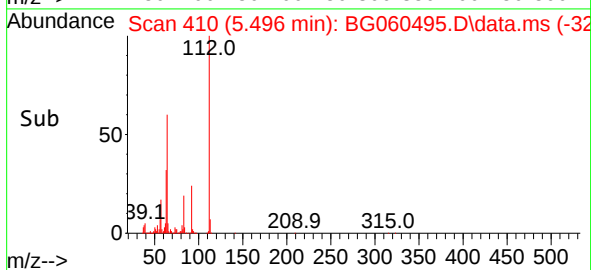
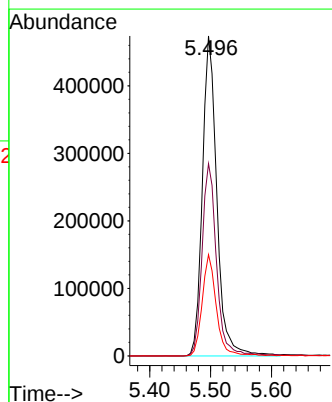
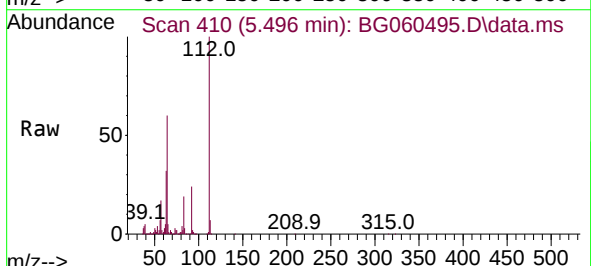
Instrument :
BNA_G
ClientSampleId :
SECOND-AVE-TP-1

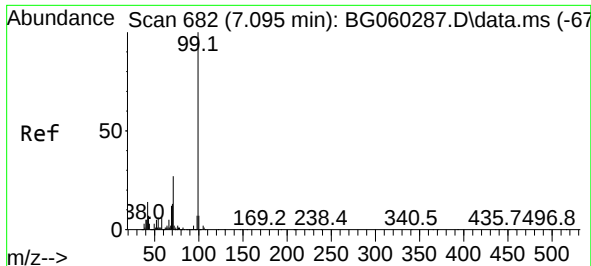
Tgt Ion:152 Resp: 164982
Ion Ratio Lower Upper
152 100
150 147.2 114.5 171.7
115 52.0 43.0 64.6



#5
2-Fluorophenol
Concen: 77.734 ng
RT: 5.496 min Scan# 410
Delta R.T. -0.007 min
Lab File: BG060495.D
Acq: 30 Jan 2024 22:44

Tgt Ion:112 Resp: 779716
Ion Ratio Lower Upper
112 100
64 60.1 49.8 74.6
63 31.6 24.4 36.6



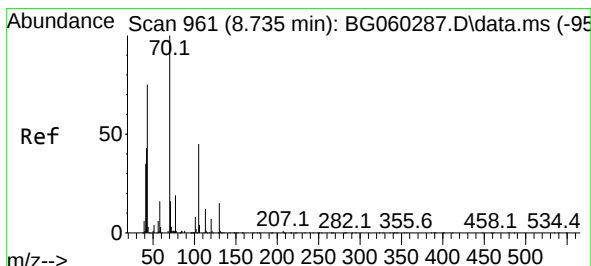
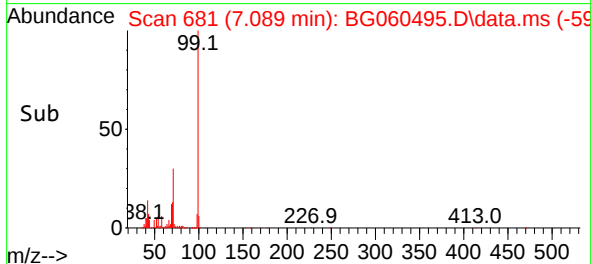
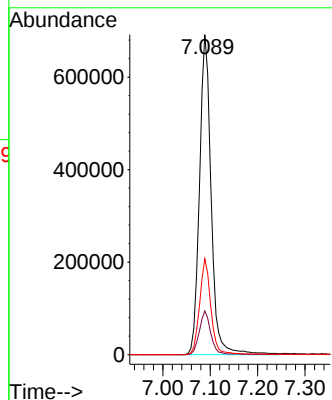
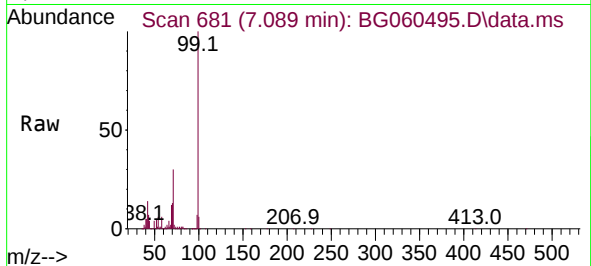


#7
Phenol-d6
Concen: 79.642 ng
RT: 7.089 min Scan# 681
Delta R.T. -0.007 min
Lab File: BG060495.D
Acq: 30 Jan 2024 22:44

Instrument :
BNA_G
ClientSampleId :
SECOND-AVE-TP-1

Tgt Ion: 99 Resp: 1182928

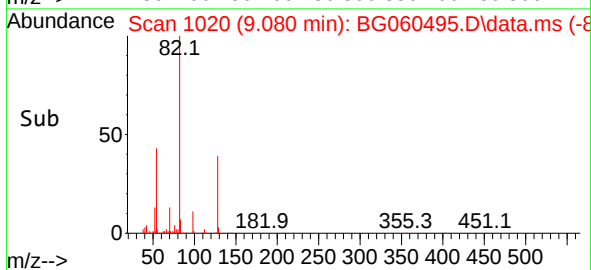
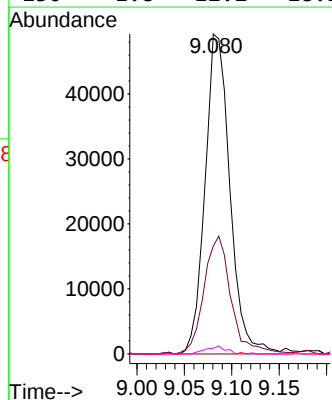
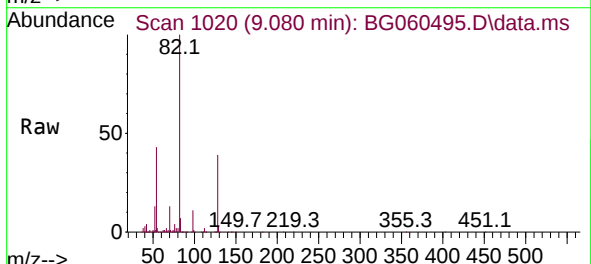
Ion	Ratio	Lower	Upper
99	100		
42	13.6	10.9	16.3
71	29.9	21.5	32.3

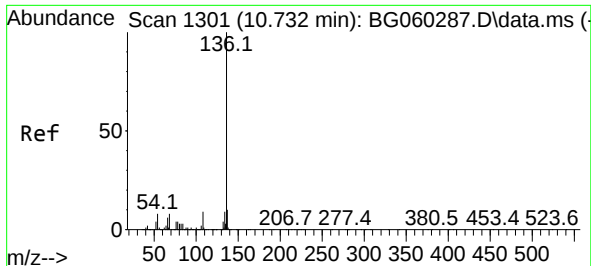


#19
n-Nitroso-di-n-propylamine
Concen: 8.746 ng
RT: 9.080 min Scan# 1020
Delta R.T. 0.346 min
Lab File: BG060495.D
Acq: 30 Jan 2024 22:44

Tgt Ion: 70 Resp: 89911

Ion	Ratio	Lower	Upper
70	100		
42	33.8	34.3	51.5#
101	0.0	6.2	9.2#
130	1.8	12.2	18.2#

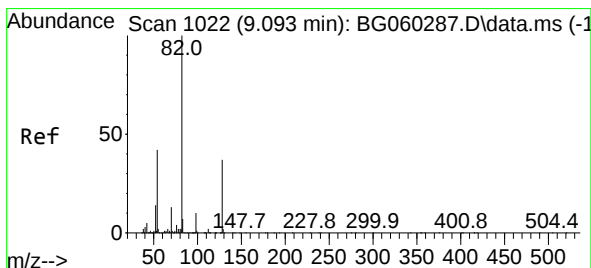
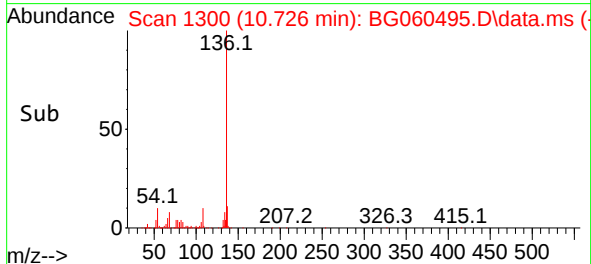
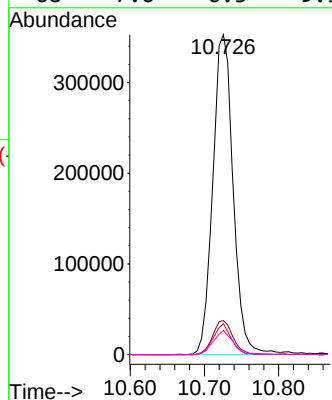
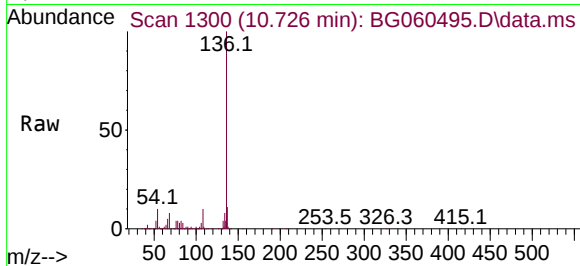




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 1301
Delta R.T. -0.007 min
Lab File: BG060495.D
Acq: 30 Jan 2024 22:44

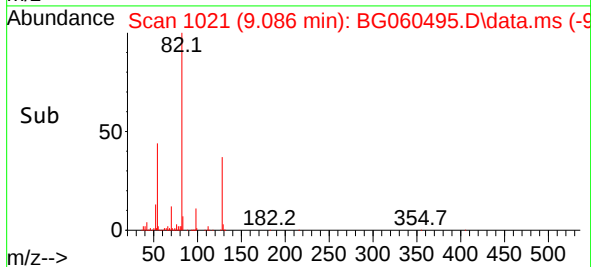
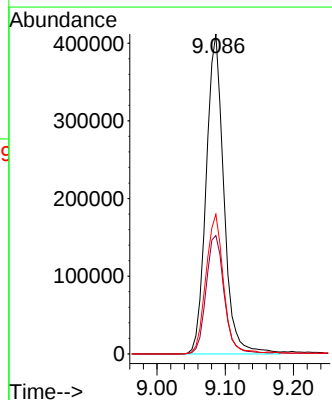
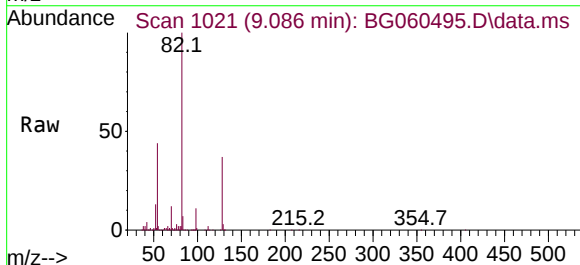
Instrument :
BNA_G
ClientSampleId :
SECOND-AVE-TP-1

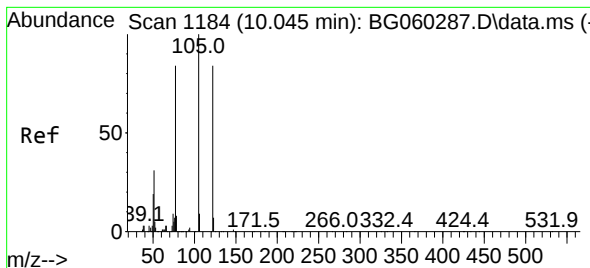
Tgt Ion:136	Resp: 671296
Ion Ratio	Lower Upper
136 100	
137 10.6	8.2 12.4
54 9.7	6.2 9.2#
68 7.6	6.3 9.5



#23
Nitrobenzene-d5
Concen: 52.150 ng
RT: 9.086 min Scan# 1021
Delta R.T. -0.007 min
Lab File: BG060495.D
Acq: 30 Jan 2024 22:44

Tgt Ion: 82	Resp: 741389
Ion Ratio	Lower Upper
82 100	
128 37.0	29.6 44.4
54 43.6	33.6 50.4





#32

Benzoic acid

Concen: 10.210 ng

RT: 10.097 min Scan# 1184

Delta R.T. 0.052 min

Lab File: BG060495.D

Acq: 30 Jan 2024 22:44

Instrument :

BNA_G

ClientSampleId :

SECOND-AVE-TP-1

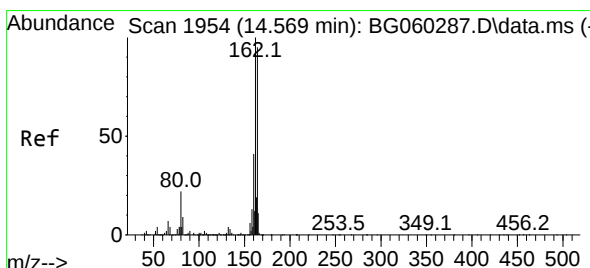
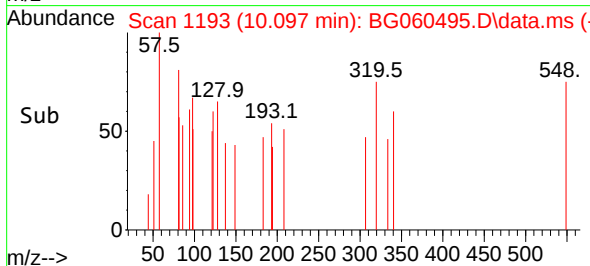
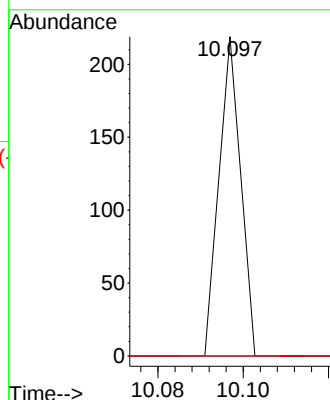
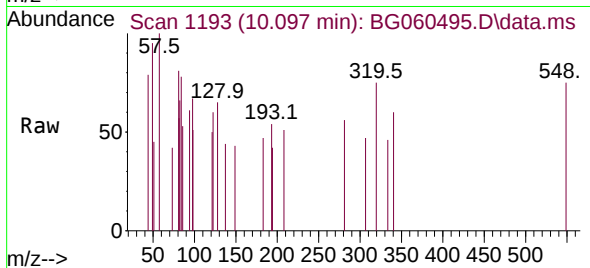
Tgt Ion:122 Resp: 77

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: BG060495.D

Acq: 30 Jan 2024 22:44

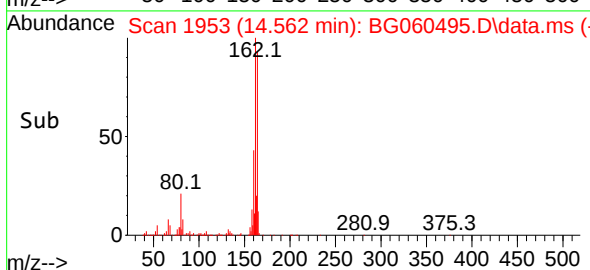
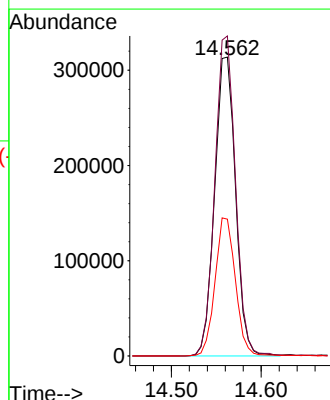
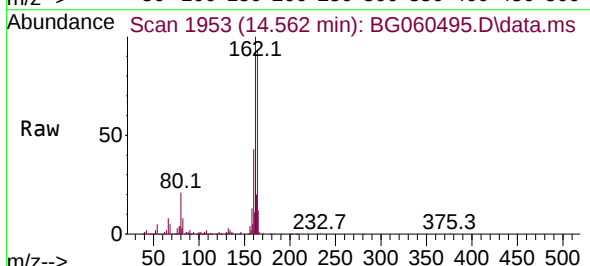
Tgt Ion:164 Resp: 509157

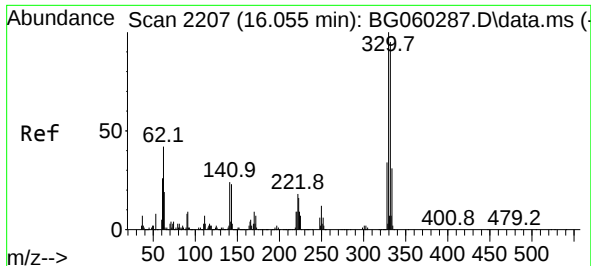
Ion Ratio Lower Upper

164 100

162 107.1 84.4 126.6

160 45.8 34.6 52.0

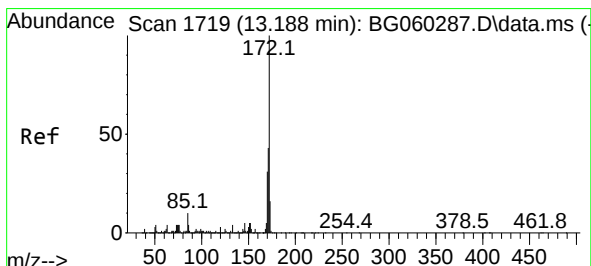
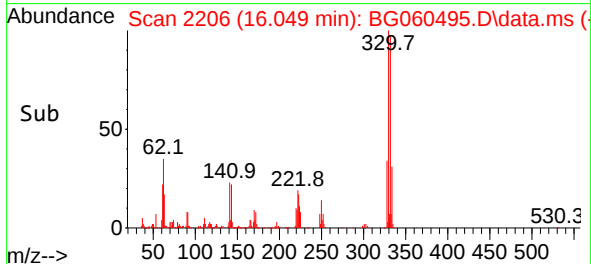
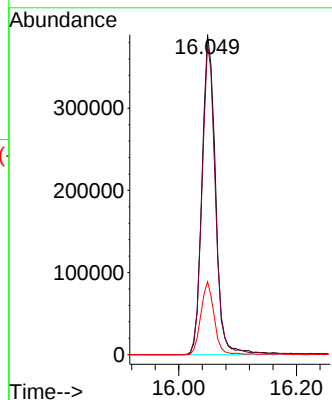
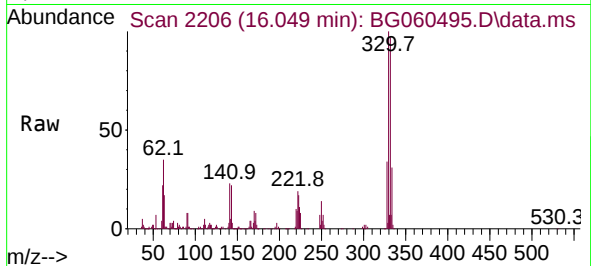




#42
2,4,6-Tribromophenol
Concen: 82.790 ng
RT: 16.049 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG060495.D
Acq: 30 Jan 2024 22:44

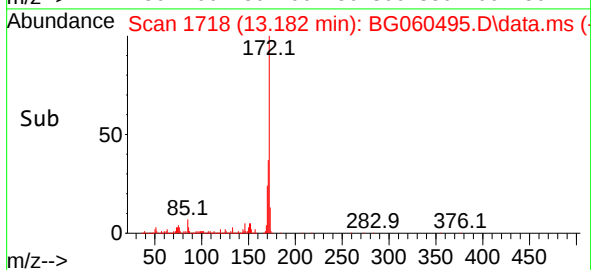
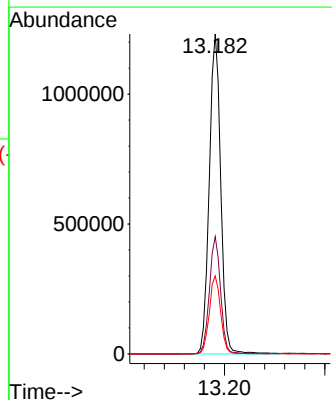
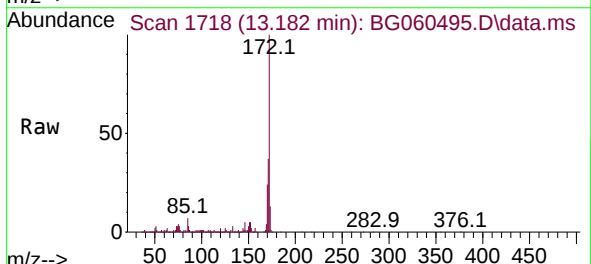
Instrument :
BNA_G
ClientSampleId :
SECOND-AVE-TP-1

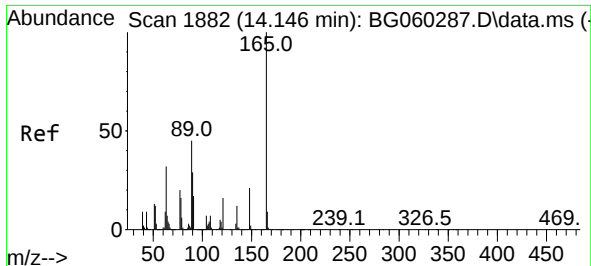
Tgt Ion:330 Resp: 620191
Ion Ratio Lower Upper
330 100
332 95.6 76.7 115.1
141 22.3 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 53.194 ng
RT: 13.182 min Scan# 1718
Delta R.T. -0.007 min
Lab File: BG060495.D
Acq: 30 Jan 2024 22:44

Tgt Ion:172 Resp: 1948068
Ion Ratio Lower Upper
172 100
171 36.6 34.6 51.8
170 24.4 24.4 36.6#

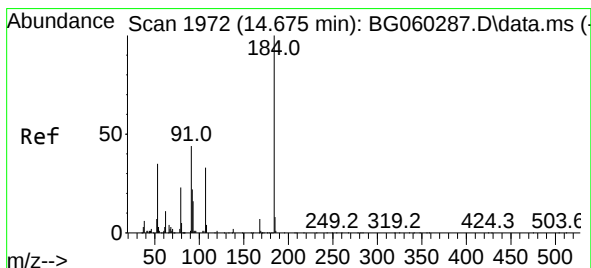
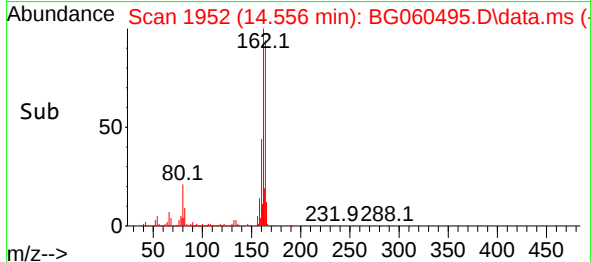
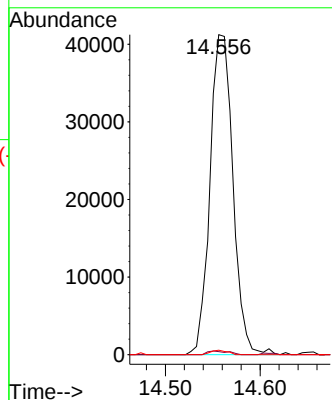
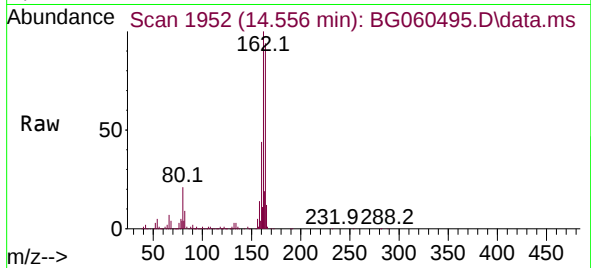




#51
2,6-Dinitrotoluene
Concen: 8.363 ng
RT: 14.556 min Scan# 1952
Delta R.T. 0.410 min
Lab File: BG060495.D
Acq: 30 Jan 2024 22:44

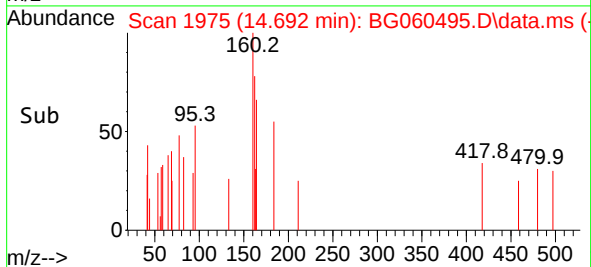
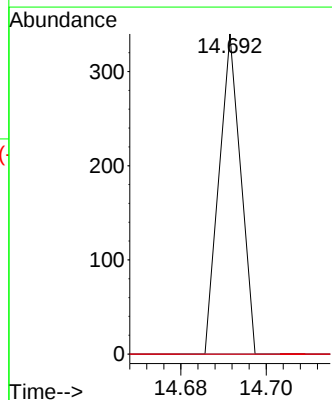
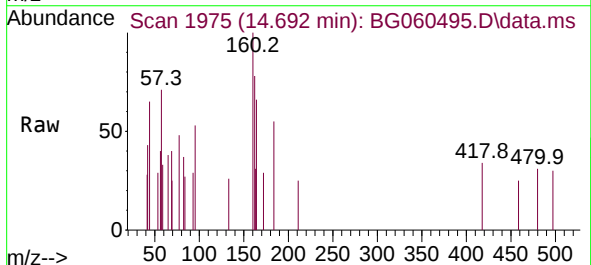
Instrument :
BNA_G
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SECOND-AVE-TP-1

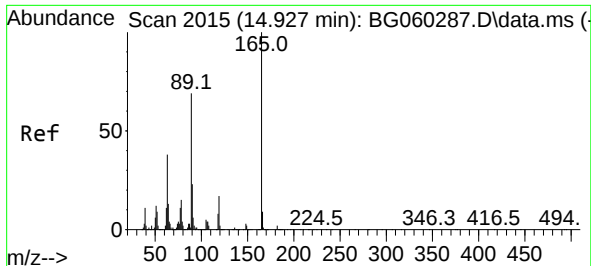
Tgt Ion:165 Resp: 69435
Ion Ratio Lower Upper
165 100
63 0.9 35.0 52.4#
89 1.4 36.2 54.2#



#54
2,4-Dinitrophenol
Concen: 8.608 ng
RT: 14.692 min Scan# 1975
Delta R.T. 0.016 min
Lab File: BG060495.D
Acq: 30 Jan 2024 22:44

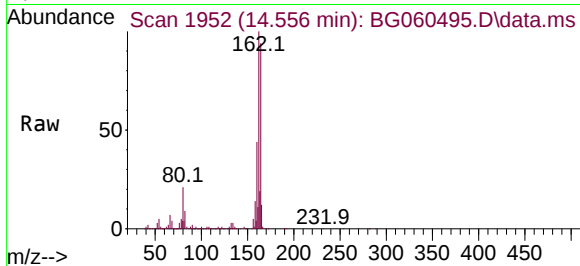
Tgt Ion:184 Resp: 120
Ion Ratio Lower Upper
184 100
63 0.0 41.0 61.4#
154 0.0 39.2 58.8#



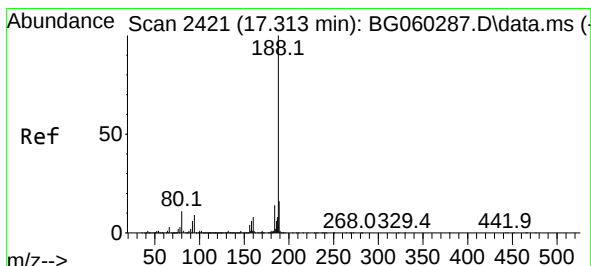
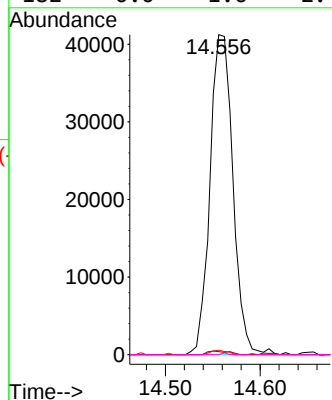
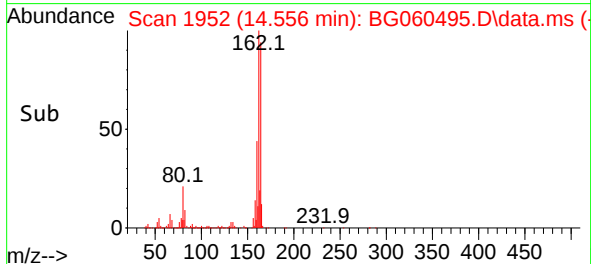


#57
2,4-Dinitrotoluene
Concen: 6.099 ng
RT: 14.556 min Scan# 1952
Delta R.T. -0.371 min
Lab File: BG060495.D
Acq: 30 Jan 2024 22:44

Instrument :
BNA_G
ClientSampleId :
SECOND-AVE-TP-1

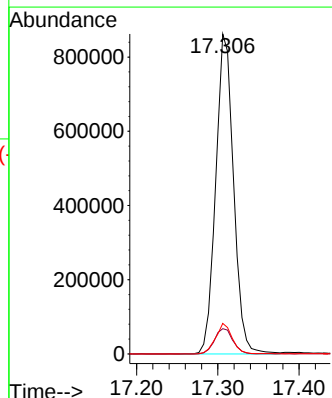
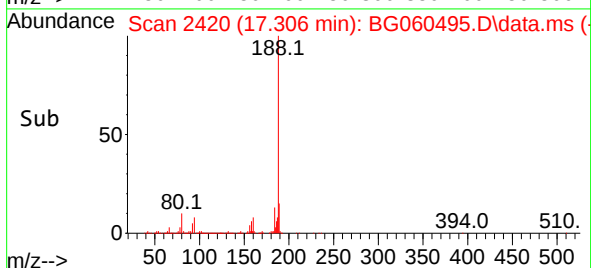
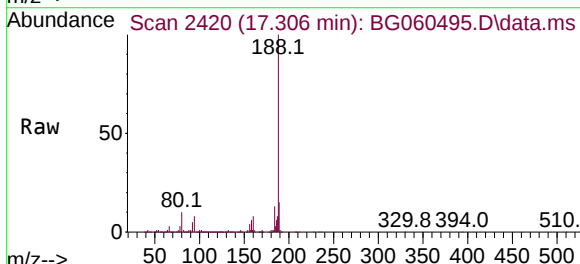


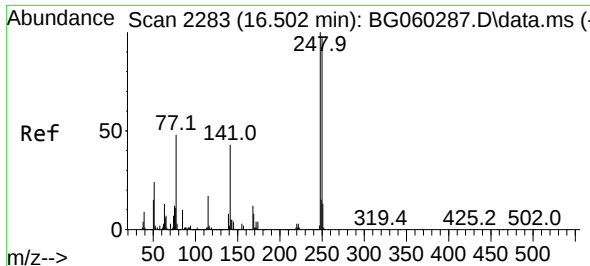
Tgt Ion:165 Resp: 69435
Ion Ratio Lower Upper
165 100
63 0.9 30.4 45.6#
89 1.4 55.4 83.0#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.306 min Scan# 2420
Delta R.T. -0.007 min
Lab File: BG060495.D
Acq: 30 Jan 2024 22:44

Tgt Ion:188 Resp: 1313382
Ion Ratio Lower Upper
188 100
94 7.9 7.1 10.7
80 9.5 8.5 12.7

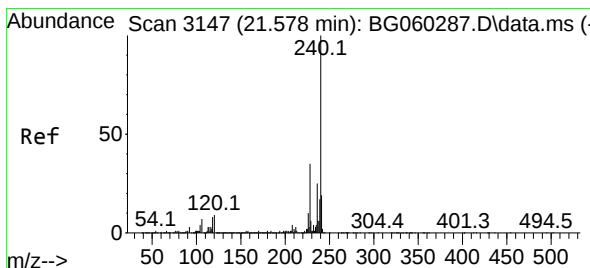
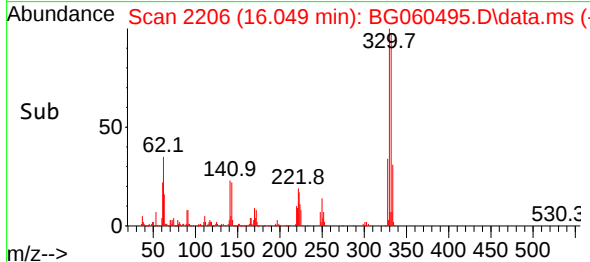
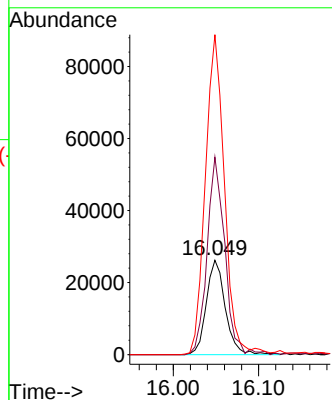
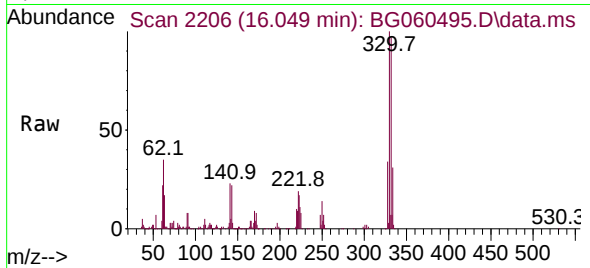




#67
4-Bromophenyl-phenylether
Concen: 2.806 ng
RT: 16.049 min Scan# 21
Delta R.T. -0.453 min
Lab File: BG060495.D
Acq: 30 Jan 2024 22:44

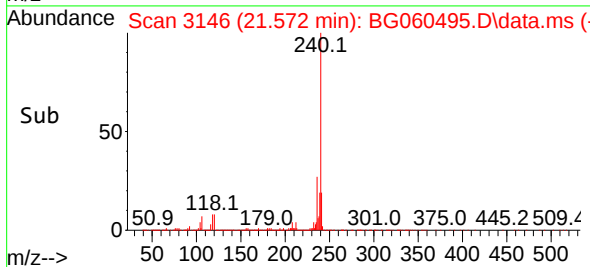
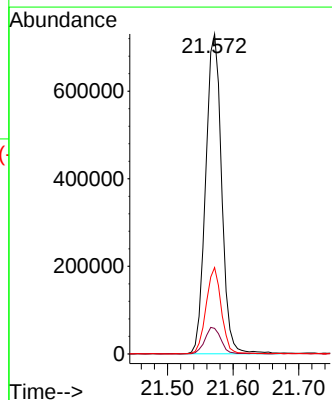
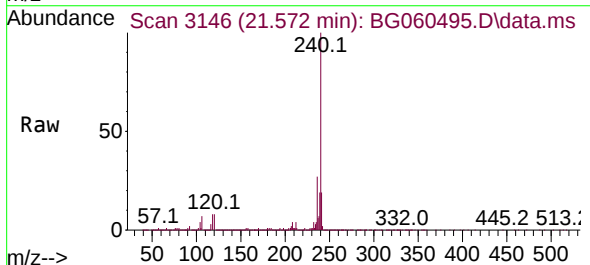
Instrument :
BNA_G
ClientSampleId :
SECOND-AVE-TP-1

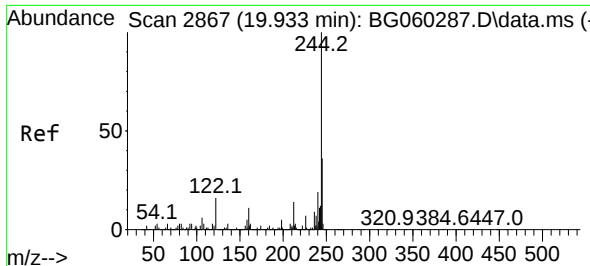
Tgt Ion:248 Resp: 40489
Ion Ratio Lower Upper
248 100
250 209.3 77.6 116.4#
141 339.1 34.2 51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3146
Delta R.T. -0.007 min
Lab File: BG060495.D
Acq: 30 Jan 2024 22:44

Tgt Ion:240 Resp: 1227134
Ion Ratio Lower Upper
240 100
120 8.0 7.3 10.9
236 27.0 20.3 30.5

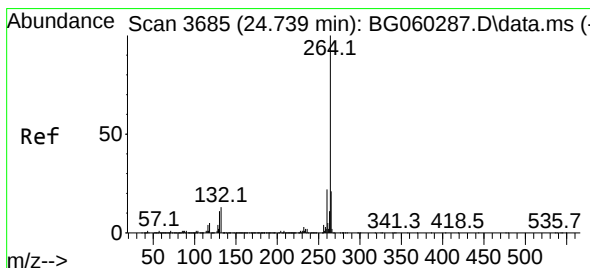
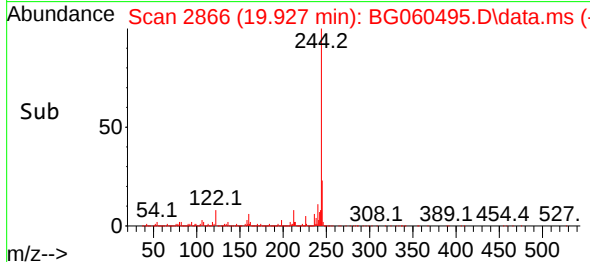
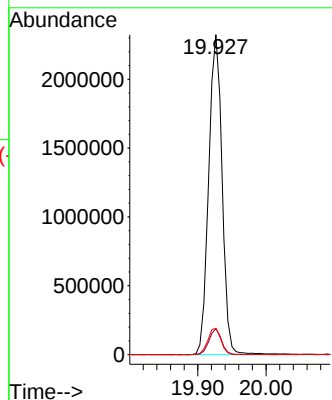
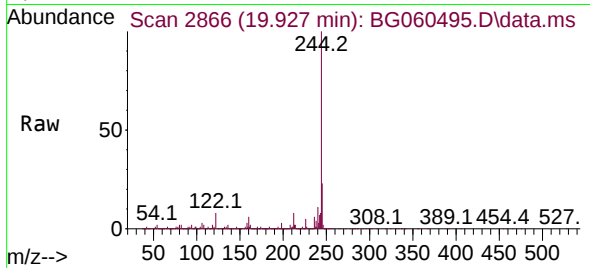




#79
 Terphenyl-d14
 Concen: 57.744 ng
 RT: 19.927 min Scan# 2866
 Delta R.T. -0.006 min
 Lab File: BG060495.D
 Acq: 30 Jan 2024 22:44

Instrument :
 BNA_G
 ClientSampleId :
 SECOND-AVE-TP-1

Tgt Ion:244 Resp: 3173850
 Ion Ratio Lower Upper
 244 100
 212 8.1 10.9 16.3#
 122 8.2 12.6 18.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.727 min Scan# 3683
 Delta R.T. -0.012 min
 Lab File: BG060495.D
 Acq: 30 Jan 2024 22:44

Tgt Ion:264 Resp: 1386712
 Ion Ratio Lower Upper
 264 100
 260 21.4 17.8 26.6
 265 21.2 16.8 25.2

