

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080823\
 Data File : BG058642.D
 Acq On : 8 Aug 2023 14:24
 Operator : MA/JU
 Sample : 03917-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-PP04AA

Quant Time: Aug 09 04:10:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

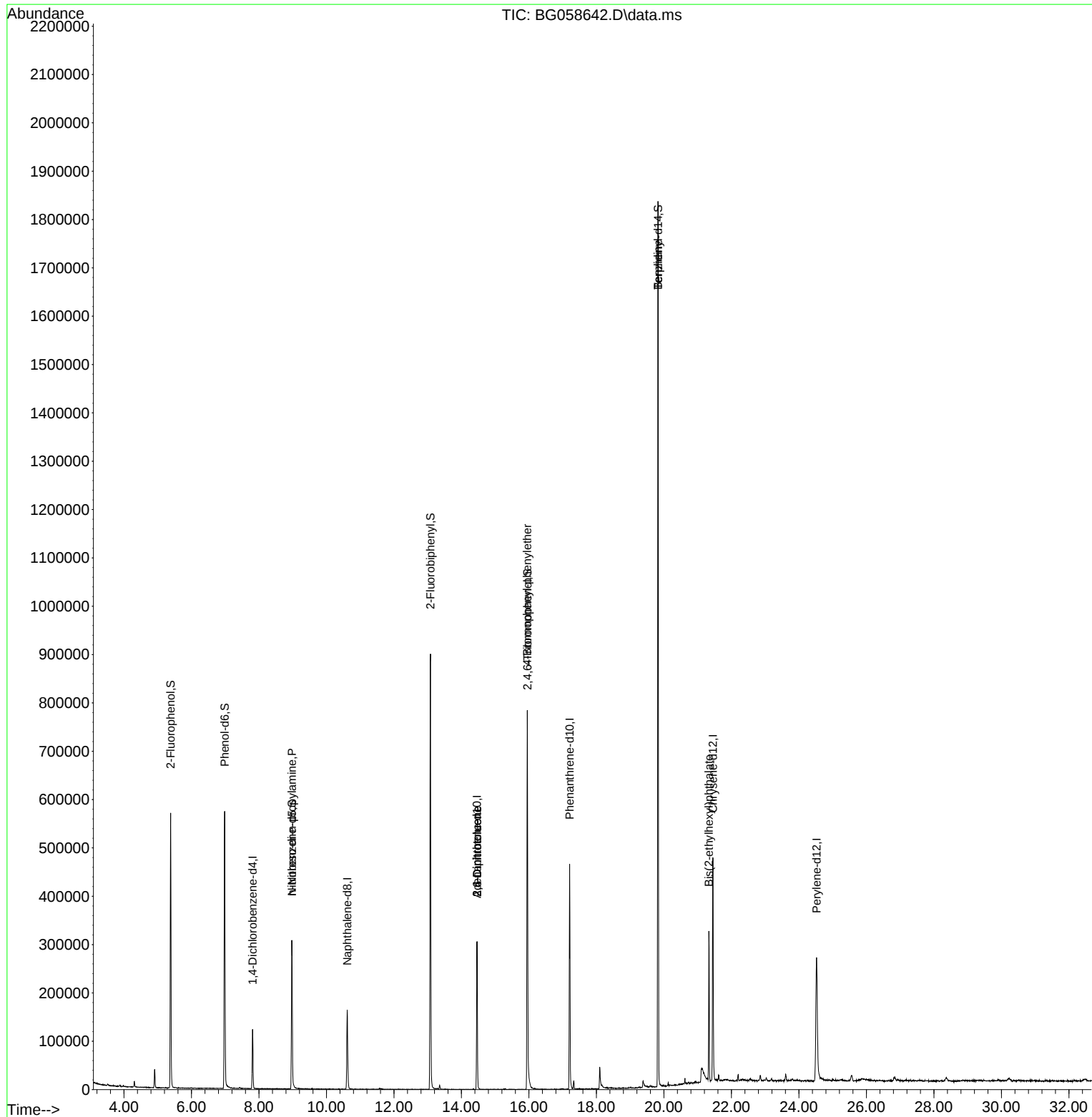
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	33898	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	152885	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	121382	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	314690	20.000	ng	0.00
76) Chrysene-d12	21.448	240	280330	20.000	ng	0.00
86) Perylene-d12	24.521	264	338243	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	242992	109.565	ng	0.00
7) Phenol-d6	6.983	99	352670	114.280	ng	0.00
23) Nitrobenzene-d5	8.975	82	203897	65.517	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	195562	98.295	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	517183	63.852	ng	0.00
79) Terphenyl-d14	19.827	244	1028861	69.019	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.975	70	24520	12.301	ng	# 82
51) 2,6-Dinitrotoluene	14.463	165	15963	7.981	ng	# 22
57) 2,4-Dinitrotoluene	14.463	165	15963	5.756	ng	# 23
67) 4-Bromophenyl-phenylether	15.949	248	12253	3.433	ng	# 1
77) Benzidine	19.827	184	12464	2.932	ng	# 90
84) Bis(2-ethylhexyl)phtha...	21.331	149	117298	10.243	ng	99

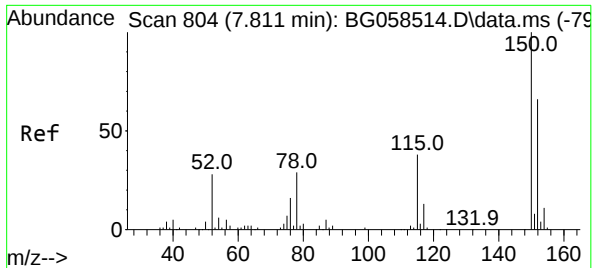
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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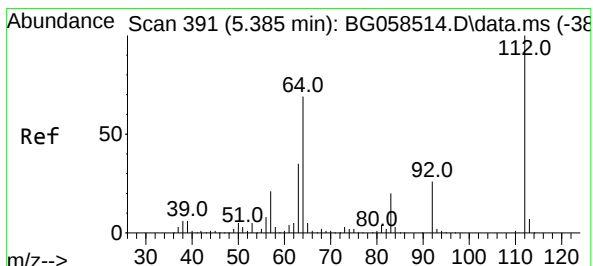
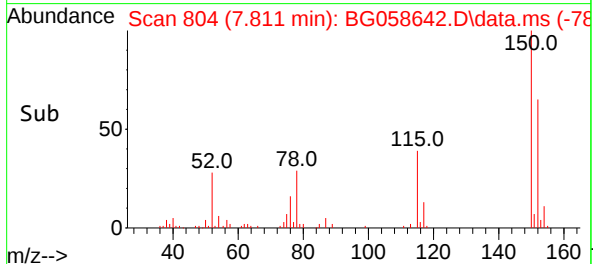
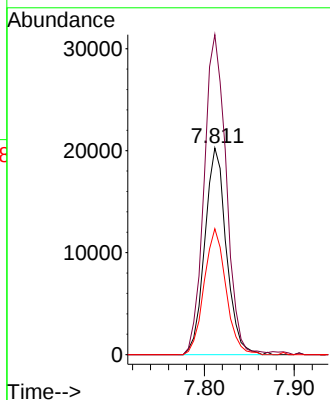
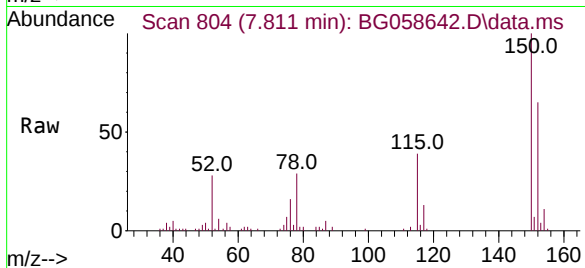




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.811 min Scan# 804
 Delta R.T. 0.000 min
 Lab File: BG058642.D
 Acq: 8 Aug 2023 14:24

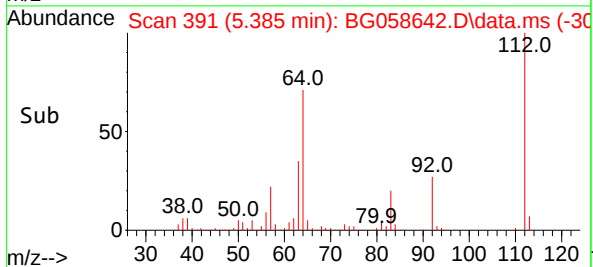
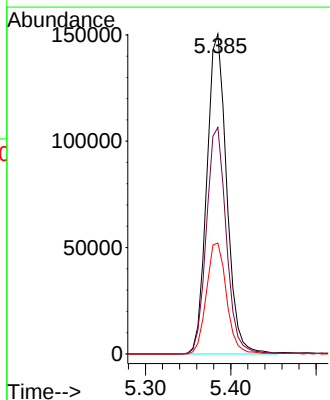
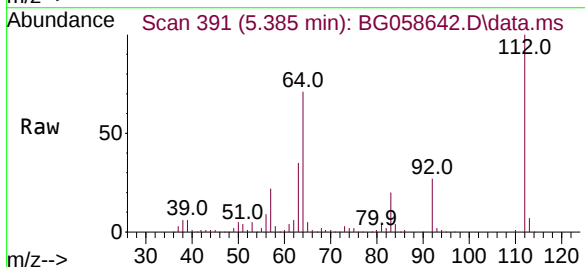
Instrument :
 BNA_G
 ClientSampleId :
 B-PP04AA

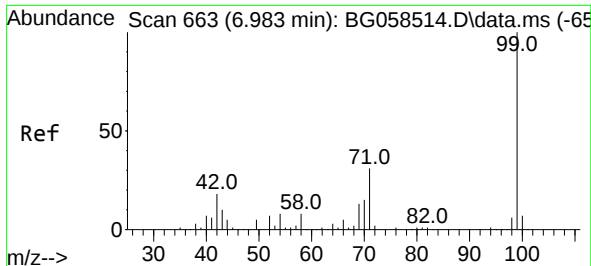
Tgt Ion:152 Resp: 33898
 Ion Ratio Lower Upper
 152 100
 150 154.9 120.5 180.7
 115 60.9 45.9 68.9



#5
 2-Fluorophenol
 Concen: 109.565 ng
 RT: 5.385 min Scan# 391
 Delta R.T. 0.000 min
 Lab File: BG058642.D
 Acq: 8 Aug 2023 14:24

Tgt Ion:112 Resp: 242992
 Ion Ratio Lower Upper
 112 100
 64 70.8 55.3 82.9
 63 34.7 28.3 42.5

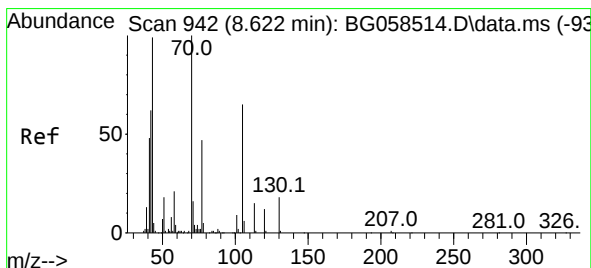
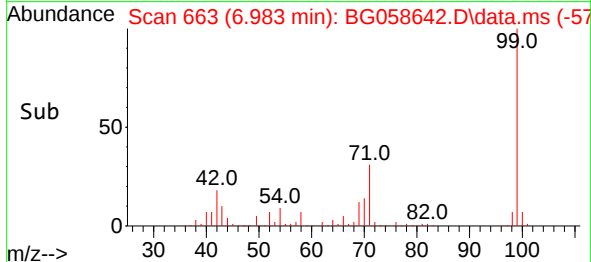
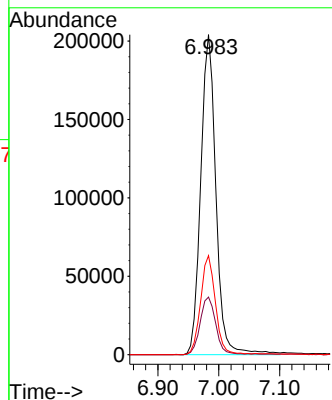
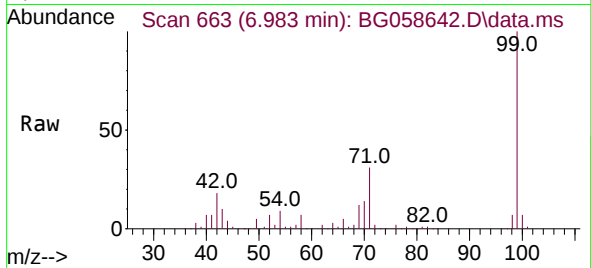




#7
Phenol-d6
Concen: 114.280 ng
RT: 6.983 min Scan# 60
Delta R.T. 0.000 min
Lab File: BG058642.D
Acq: 8 Aug 2023 14:24

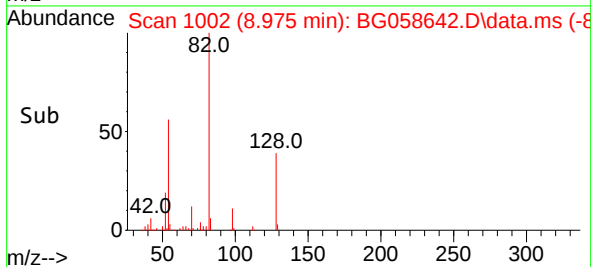
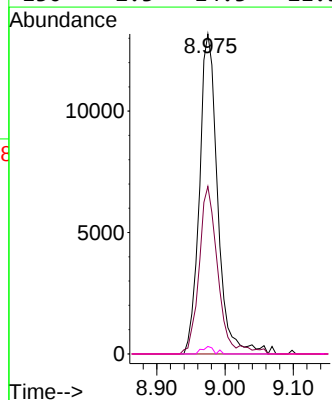
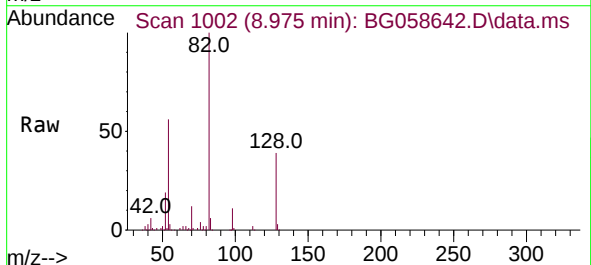
Instrument :
BNA_G
ClientSampleId :
B-PP04AA

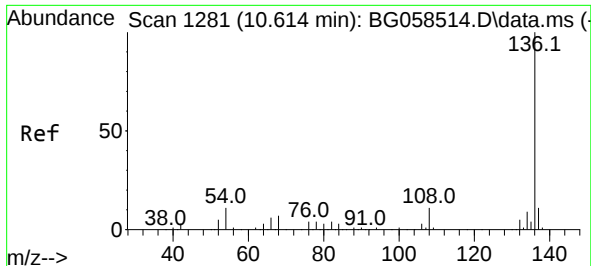
Tgt Ion: 99 Resp: 352670
Ion Ratio Lower Upper
99 100
42 18.0 14.6 21.8
71 30.9 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.301 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.353 min
Lab File: BG058642.D
Acq: 8 Aug 2023 14:24

Tgt Ion: 70 Resp: 24520
Ion Ratio Lower Upper
70 100
42 52.3 49.7 74.5
101 0.0 7.0 10.4#
130 2.3 14.3 21.5#

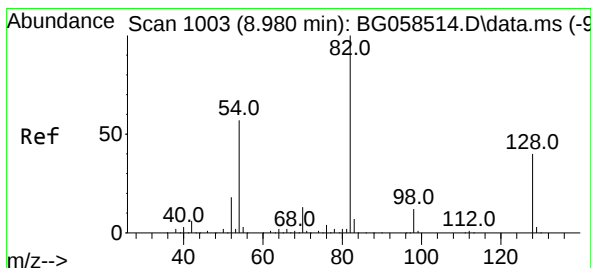
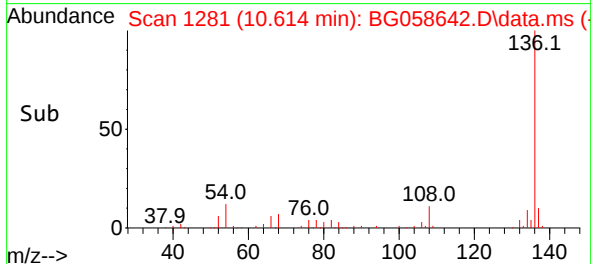
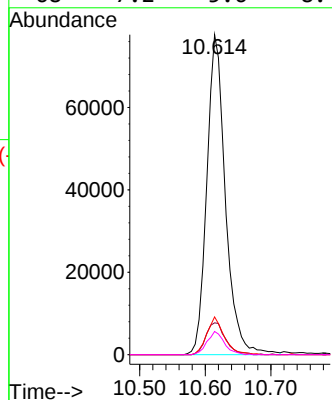
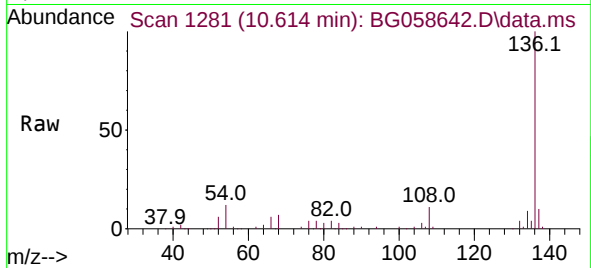




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG058642.D
Acq: 8 Aug 2023 14:24

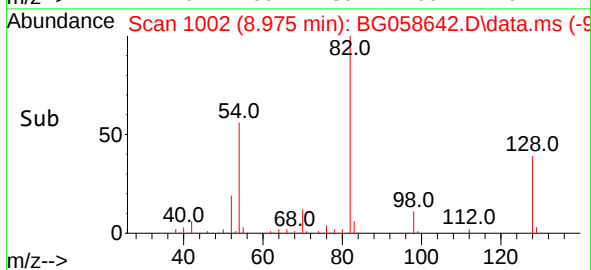
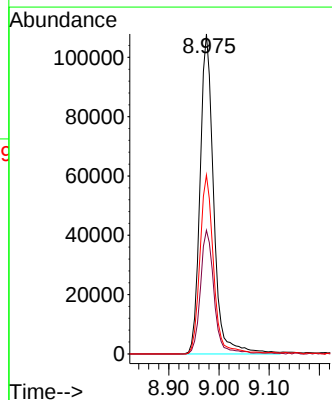
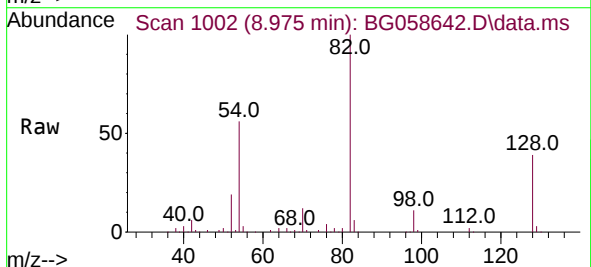
Instrument :
BNA_G
ClientSampleId :
B-PP04AA

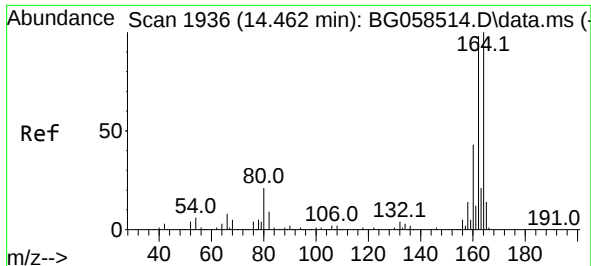
Tgt Ion:	136	Resp:	152885
Ion Ratio	Lower	Upper	
136	100		
137	9.9	8.6	13.0
54	11.8	8.9	13.3
68	7.2	5.6	8.4



#23
Nitrobenzene-d5
Concen: 65.517 ng
RT: 8.975 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BG058642.D
Acq: 8 Aug 2023 14:24

Tgt Ion:	82	Resp:	203897
Ion Ratio	Lower	Upper	
82	100		
128	38.6	32.2	48.2
54	55.9	46.0	69.0

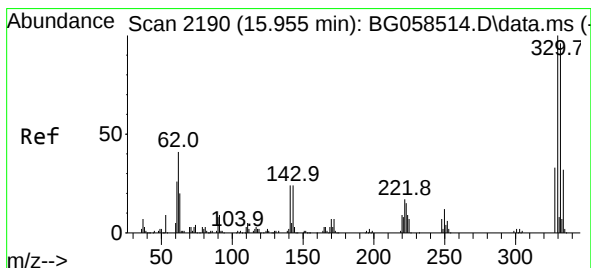
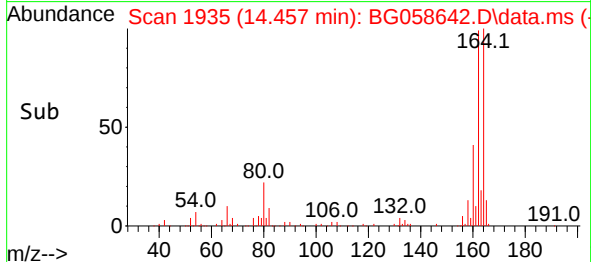
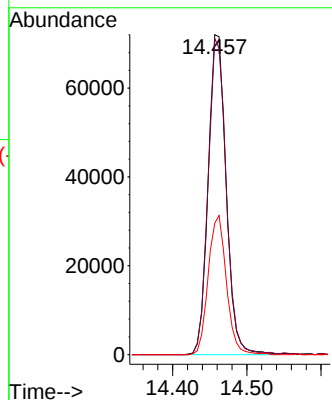
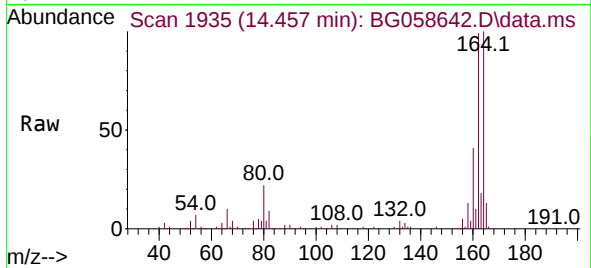




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BG058642.D
Acq: 8 Aug 2023 14:24

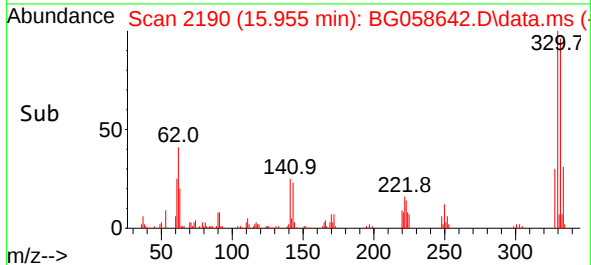
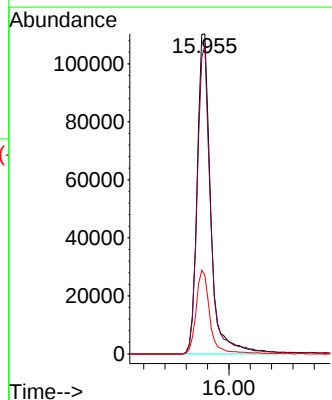
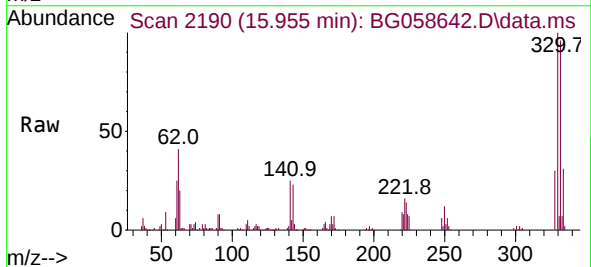
Instrument :
BNA_G
ClientSampleId :
B-PP04AA

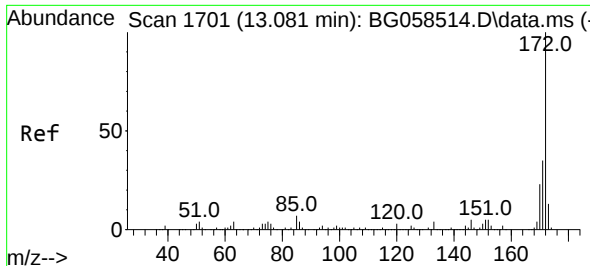
Tgt Ion:164 Resp: 121382
Ion Ratio Lower Upper
164 100
162 98.8 78.3 117.5
160 41.1 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 98.295 ng
RT: 15.955 min Scan# 2190
Delta R.T. 0.000 min
Lab File: BG058642.D
Acq: 8 Aug 2023 14:24

Tgt Ion:330 Resp: 195562
Ion Ratio Lower Upper
330 100
332 95.4 77.5 116.3
141 26.5 20.7 31.1

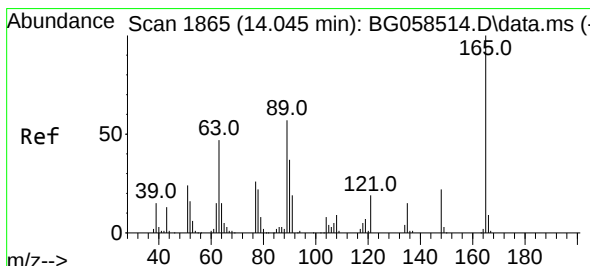
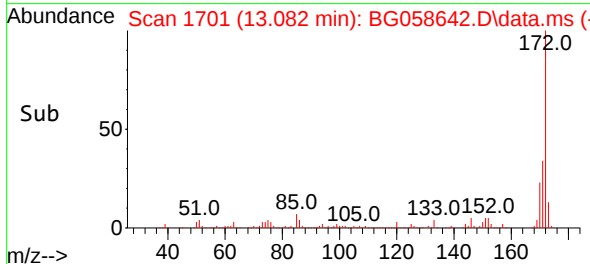
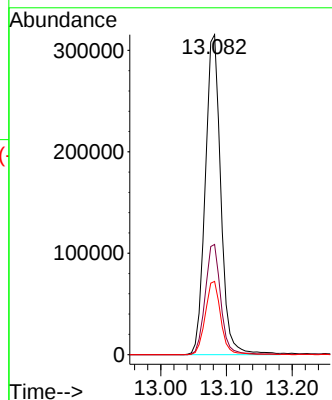
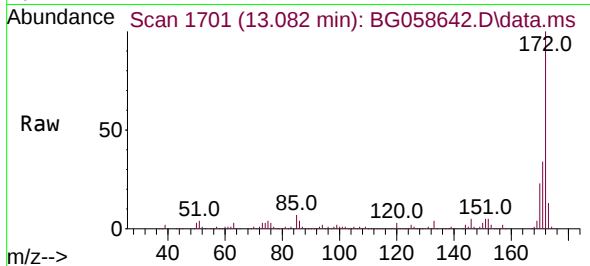




#45
2-Fluorobiphenyl
Concen: 63.852 ng
RT: 13.082 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BG058642.D
Acq: 8 Aug 2023 14:24

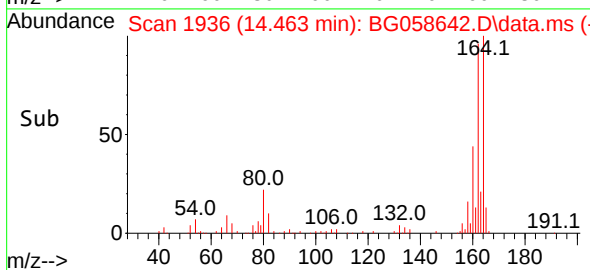
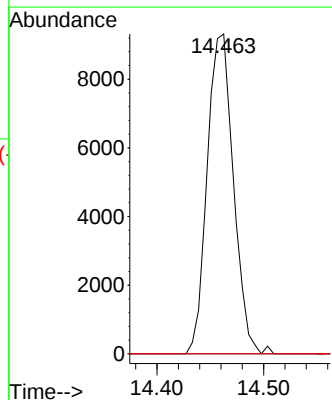
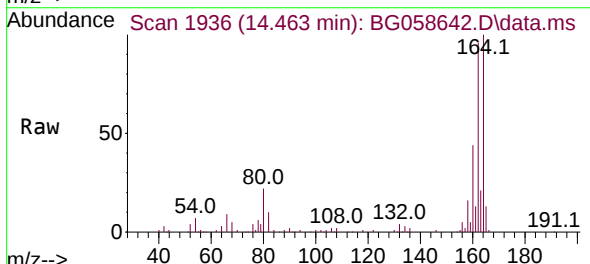
Instrument :
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ClientSampleId :
B-PP04AA

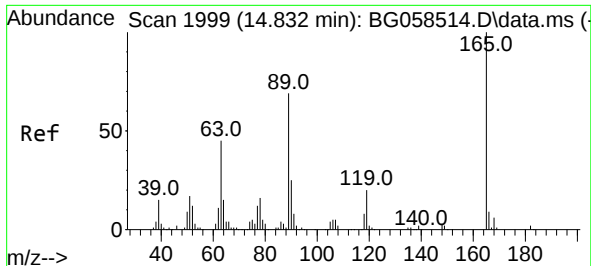
Tgt Ion:172 Resp: 517183
Ion Ratio Lower Upper
172 100
171 34.4 28.0 42.0
170 22.9 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 7.981 ng
RT: 14.463 min Scan# 1936
Delta R.T. 0.417 min
Lab File: BG058642.D
Acq: 8 Aug 2023 14:24

Tgt Ion:165 Resp: 15963
Ion Ratio Lower Upper
165 100
63 0.0 46.4 69.6#
89 0.0 45.3 67.9#





#57

2,4-Dinitrotoluene

Concen: 5.756 ng

RT: 14.463 min Scan# 1999

Delta R.T. -0.370 min

Lab File: BG058642.D

Acq: 8 Aug 2023 14:24

Instrument :

BNA_G

ClientSampleId :

B-PP04AA

Tgt Ion:165 Resp: 15963

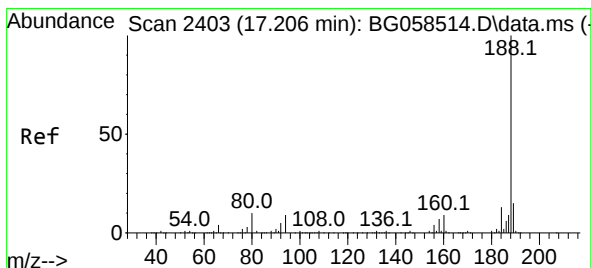
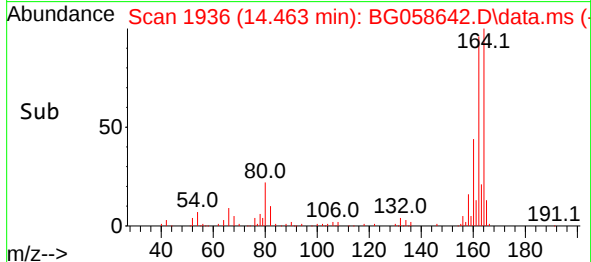
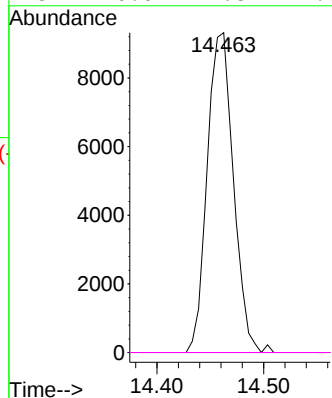
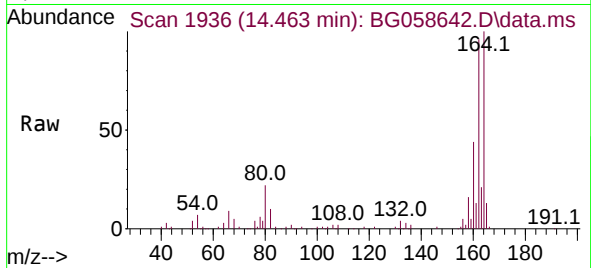
Ion Ratio Lower Upper

165 100

63 0.0 36.6 54.8#

89 0.0 55.4 83.0#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.206 min Scan# 2403

Delta R.T. 0.000 min

Lab File: BG058642.D

Acq: 8 Aug 2023 14:24

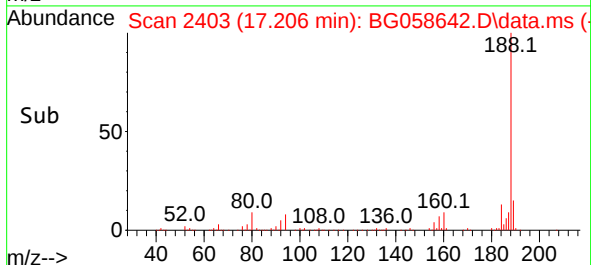
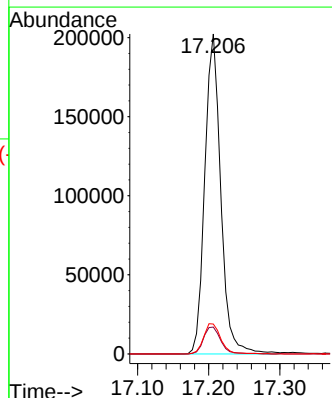
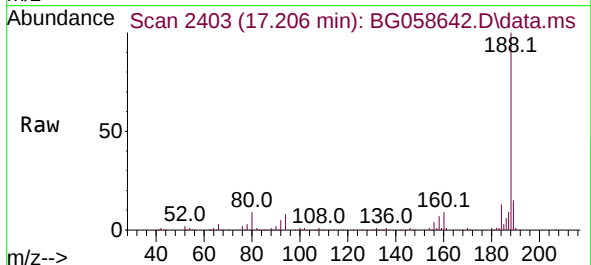
Tgt Ion:188 Resp: 314690

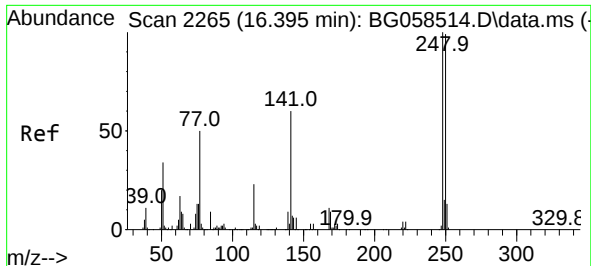
Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.6

80 9.3 8.1 12.1

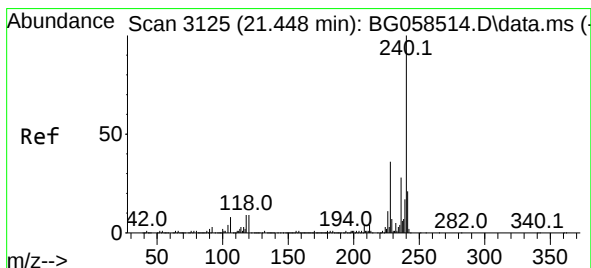
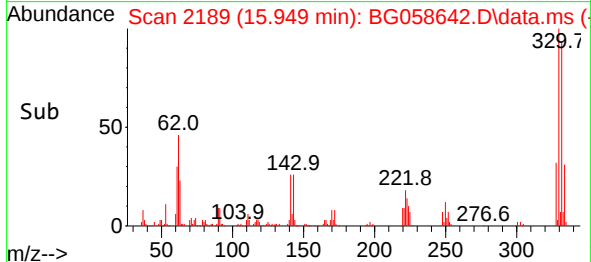
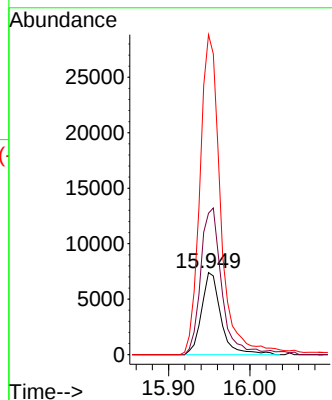
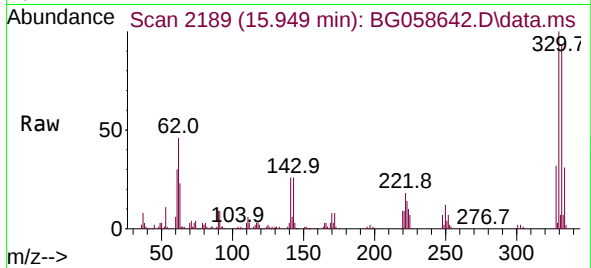




#67
4-Bromophenyl-phenylether
Concen: 3.433 ng
RT: 15.949 min Scan# 2119
Delta R.T. -0.446 min
Lab File: BG058642.D
Acq: 8 Aug 2023 14:24

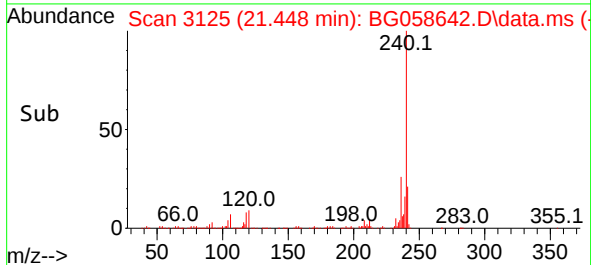
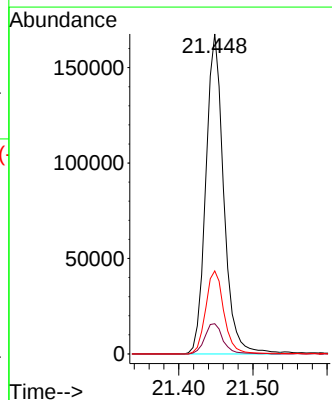
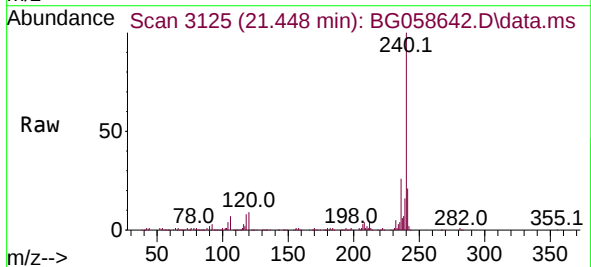
Instrument :
BNA_G
ClientSampleId :
B-PP04AA

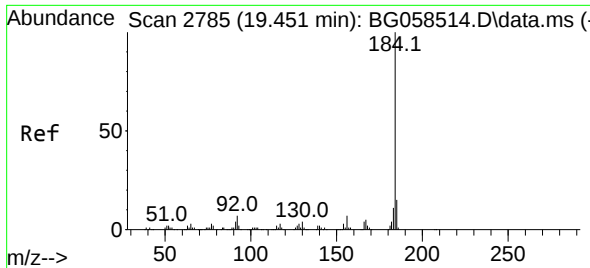
Tgt Ion:248 Resp: 12253
Ion Ratio Lower Upper
248 100
250 172.2 79.5 119.3#
141 389.9 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BG058642.D
Acq: 8 Aug 2023 14:24

Tgt Ion:240 Resp: 280330
Ion Ratio Lower Upper
240 100
120 9.4 7.4 11.0
236 25.9 22.2 33.4

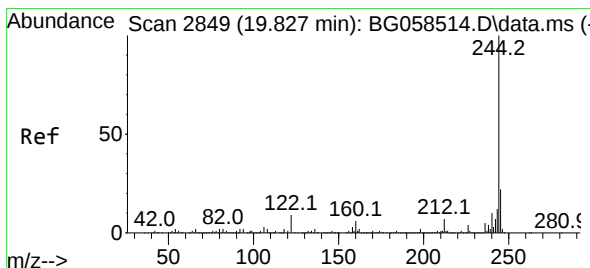
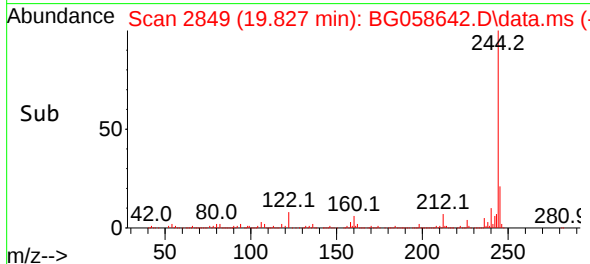
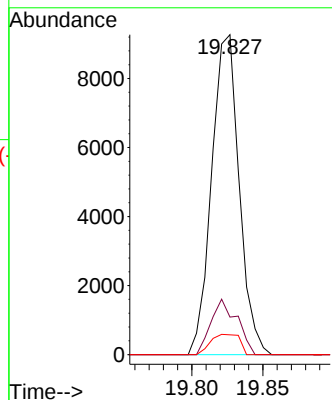
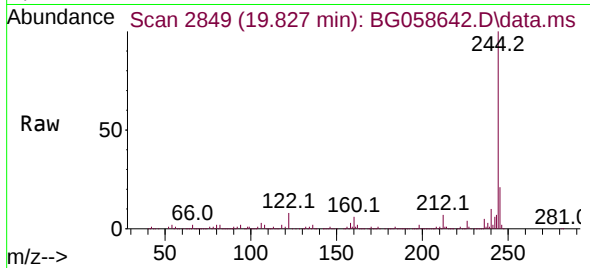




#77
Benzidine
Concen: 2.932 ng
RT: 19.827 min Scan# 2849
Delta R.T. 0.376 min
Lab File: BG058642.D
Acq: 8 Aug 2023 14:24

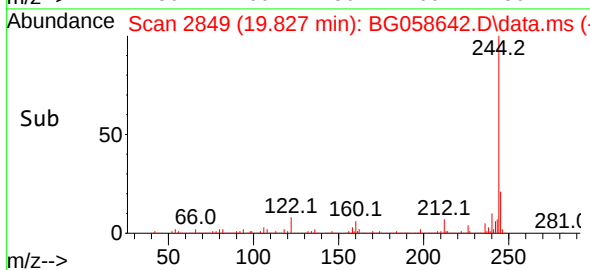
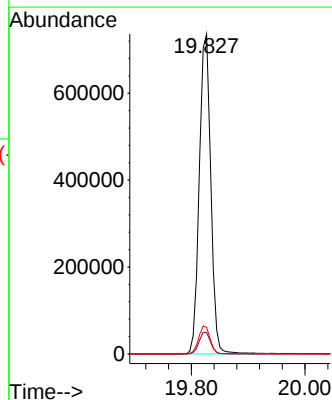
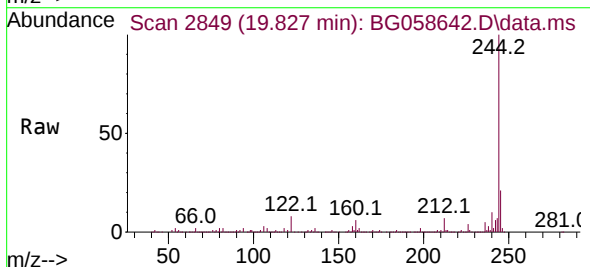
Instrument :
BNA_G
ClientSampleId :
B-PP04AA

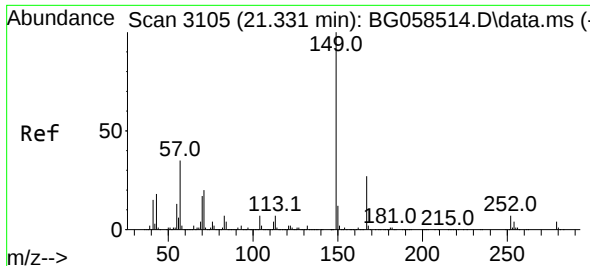
Tgt Ion:184 Resp: 12464
Ion Ratio Lower Upper
184 100
185 11.7 11.9 17.9#
183 6.2 8.7 13.1#



#79
Terphenyl-d14
Concen: 69.019 ng
RT: 19.827 min Scan# 2849
Delta R.T. 0.000 min
Lab File: BG058642.D
Acq: 8 Aug 2023 14:24

Tgt Ion:244 Resp: 1028861
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 8.3 6.8 10.2

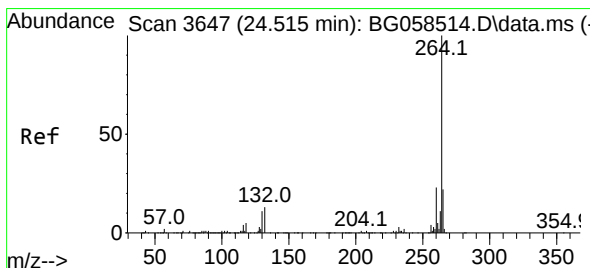
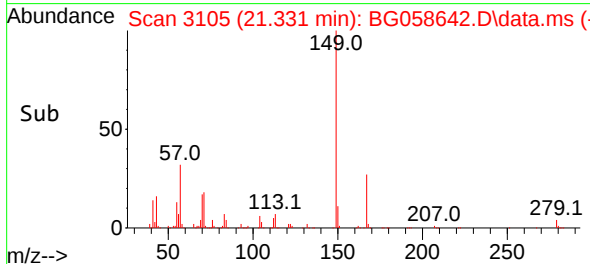
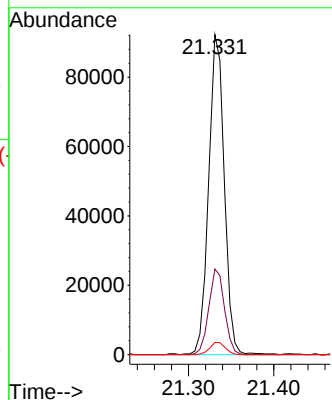
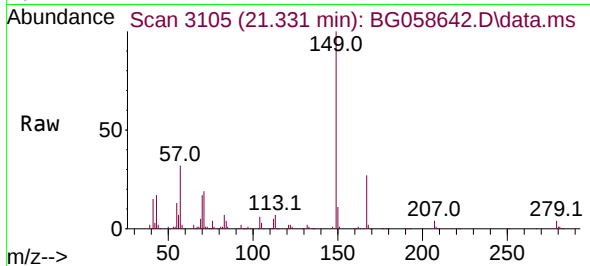




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 10.243 ng
 RT: 21.331 min Scan# 3105
 Delta R.T. 0.000 min
 Lab File: BG058642.D
 Acq: 8 Aug 2023 14:24

Instrument :
 BNA_G
 ClientSampleId :
 B-PP04AA

Tgt Ion:149 Resp: 117298
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.8 32.8
 279 3.8 2.9 4.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.521 min Scan# 3648
 Delta R.T. 0.006 min
 Lab File: BG058642.D
 Acq: 8 Aug 2023 14:24

Tgt Ion:264 Resp: 338243
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.4 27.6
 265 21.5 17.9 26.9

