

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061221\
 Data File : BG048925.D
 Acq On : 12 Jun 2021 23:31
 Operator : CG/JU
 Sample : M2625-27
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 18-B12(162-166)

Quant Time: Jun 14 03:17:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 11 16:03:10 2021
 Response via : Initial Calibration

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

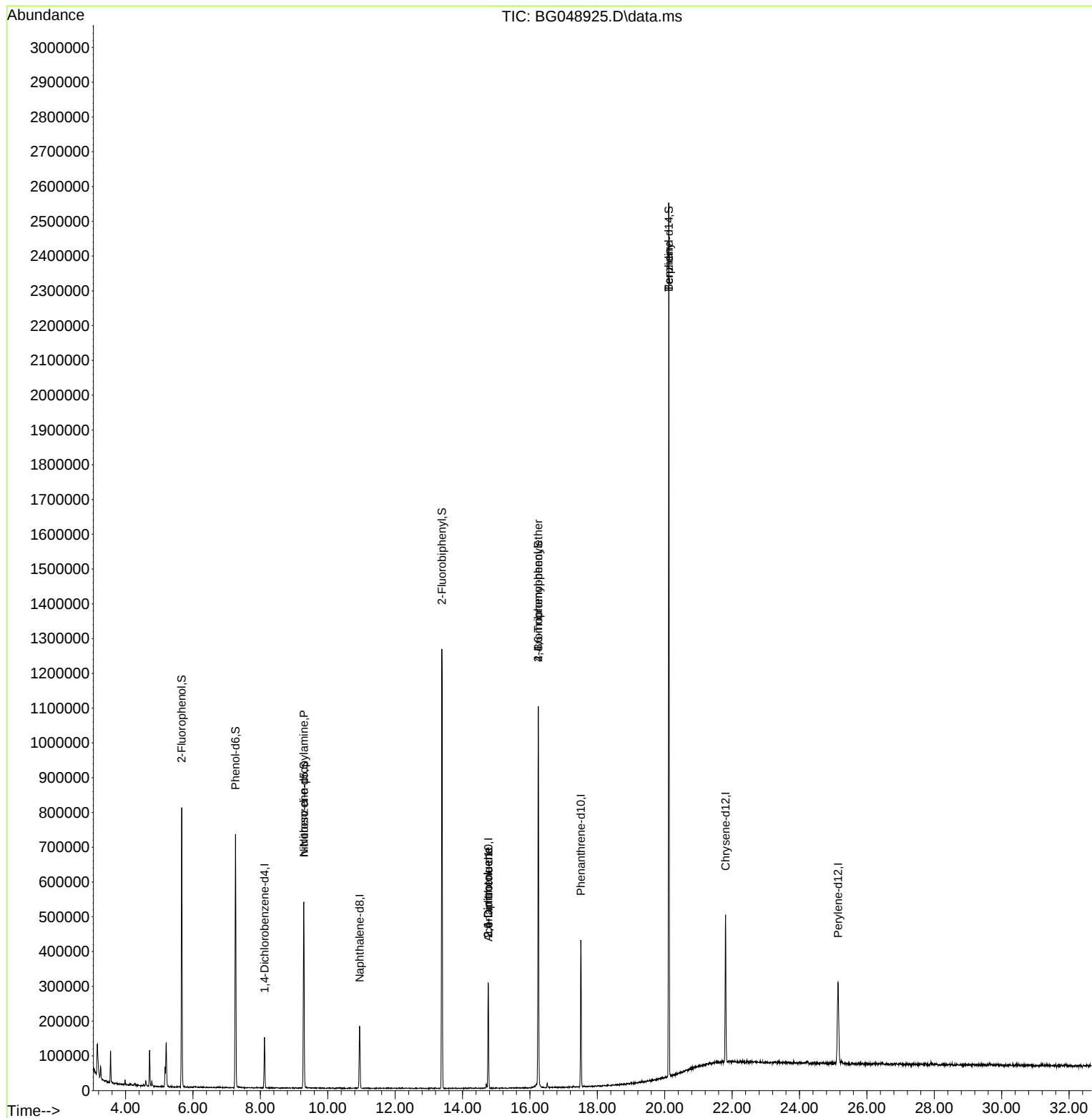
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.122	152	36160	20.00	ng	0.00
21) Naphthalene-d8	10.948	136	146537	20.00	ng	# 0.00
39) Acenaphthene-d10	14.767	164	107672	20.00	ng	0.00
64) Phenanthrene-d10	17.511	188	260980	20.00	ng	# 0.00
76) Chrysene-d12	21.806	240	272953	20.00	ng	#-0.01
86) Perylene-d12	25.143	264	267810	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.666	112	297190	127.94	ng	0.00
7) Phenol-d6	7.264	99	366356	105.23	ng	0.00
23) Nitrobenzene-d5	9.291	82	317781	93.51	ng	0.00
42) 2,4,6-Tribromophenol	16.248	330	198655	124.53	ng	0.00
45) 2-Fluorobiphenyl	13.387	172	636535	83.51	ng	0.00
79) Terphenyl-d14	20.120	244	1173998	78.77	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.291	70	46050	16.92	ng	# 74
51) 2,6-Dinitrotoluene	14.762	165	14505	8.49	ng	# 12
57) 2,4-Dinitrotoluene	14.762	165	14505	6.91	ng	# 18
67) 4-Bromophenyl-phenylether	16.248	248	13196	4.05	ng	# 1
77) Benzidine	20.120	184	23163	4.21	ng	# 92

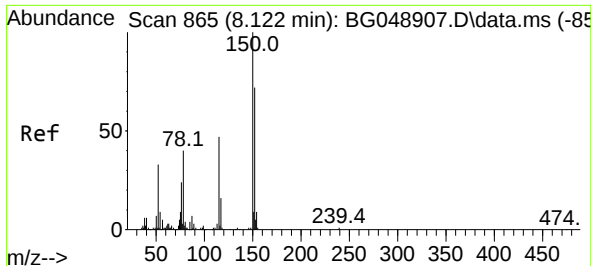
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061221\
Data File : BG048925.D
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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QLast Update : Fri Jun 11 16:03:10 2021
Response via : Initial Calibration

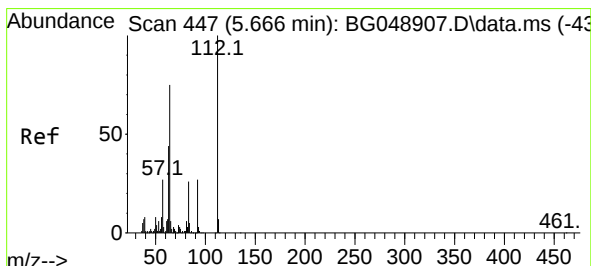
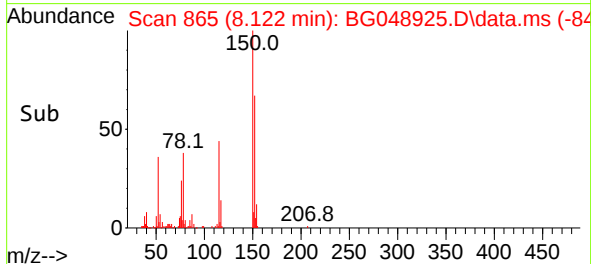
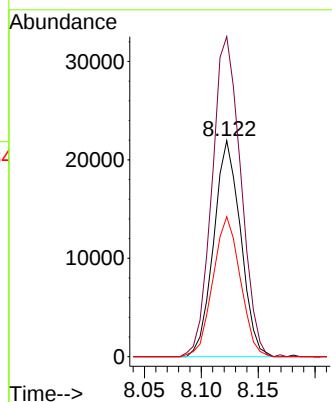
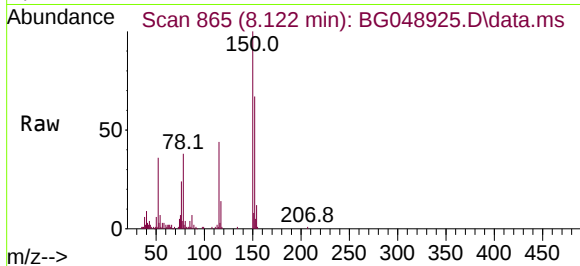




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.122 min Scan# 865
Delta R.T. 0.000 min
Lab File: BG048925.D
Acq: 12 Jun 2021 23:31

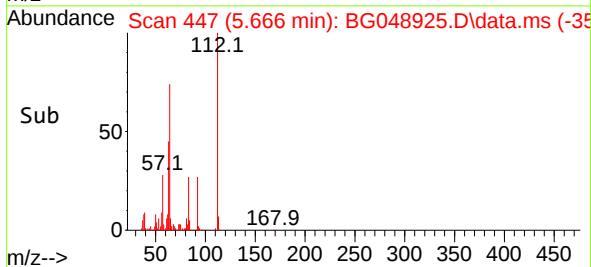
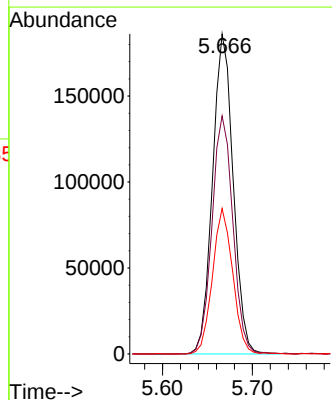
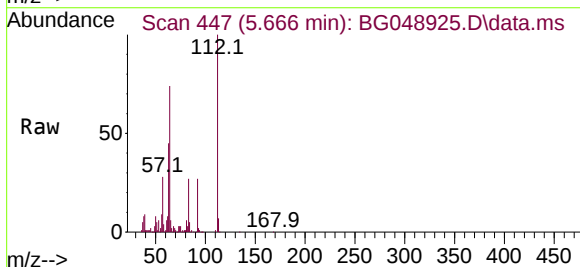
Instrument :
BNA_G
ClientSampleId :
18-B12(162-166)

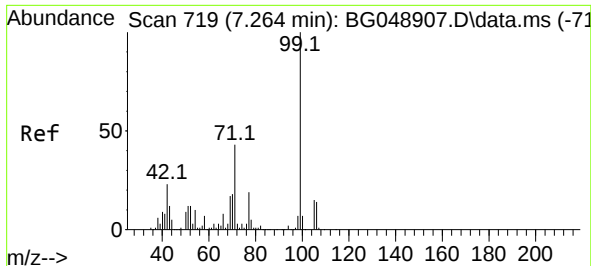
Tgt Ion:152 Resp: 36160
Ion Ratio Lower Upper
152 100
150 148.2 119.4 179.0
115 64.9 60.2 90.4



#5
2-Fluorophenol
Concen: 127.94 ng
RT: 5.666 min Scan# 447
Delta R.T. 0.000 min
Lab File: BG048925.D
Acq: 12 Jun 2021 23:31

Tgt Ion:112 Resp: 297190
Ion Ratio Lower Upper
112 100
64 74.4 46.7 70.1#
63 45.5 35.3 52.9

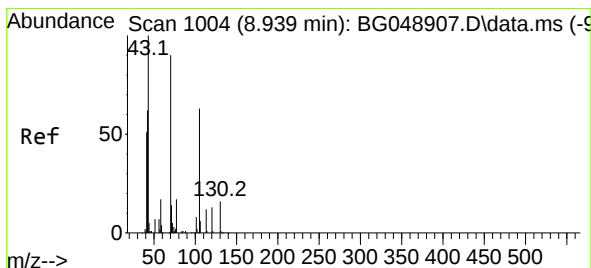
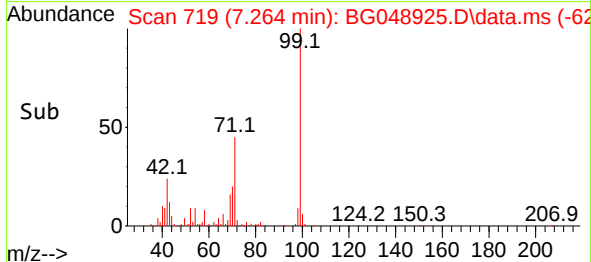
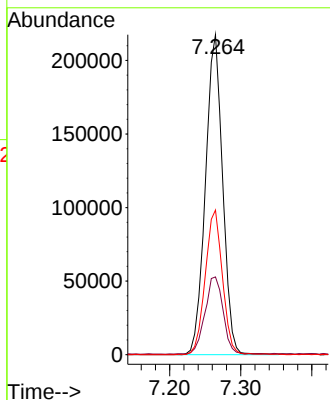
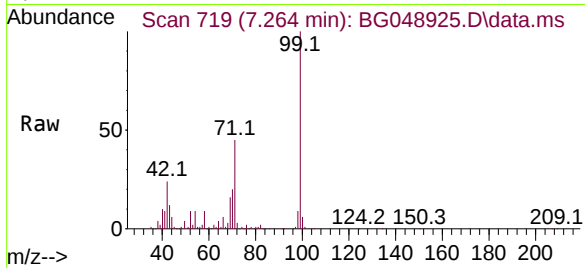




#7
Phenol-d6
Concen: 105.23 ng
RT: 7.264 min Scan# 719
Delta R.T. 0.000 min
Lab File: BG048925.D
Acq: 12 Jun 2021 23:31

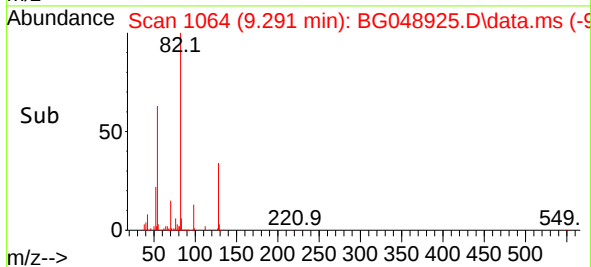
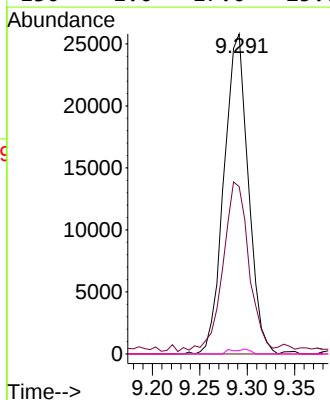
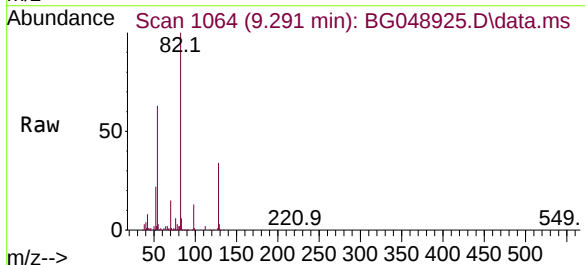
Instrument :
BNA_G
ClientSampleId :
18-B12(162-166)

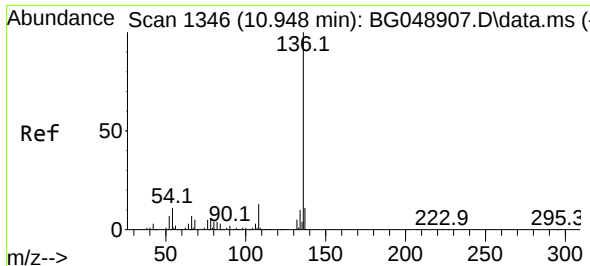
Tgt Ion:	99	Resp:	366356
Ion	Ratio	Lower	Upper
99	100		
42	24.3	20.5	30.7
71	45.2	41.5	62.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.92 ng
RT: 9.291 min Scan# 1064
Delta R.T. 0.353 min
Lab File: BG048925.D
Acq: 12 Jun 2021 23:31

Tgt Ion:	70	Resp:	46050
Ion	Ratio	Lower	Upper
70	100		
42	52.3	54.5	81.7#
101	0.0	9.0	13.6#
130	1.0	17.0	25.6#

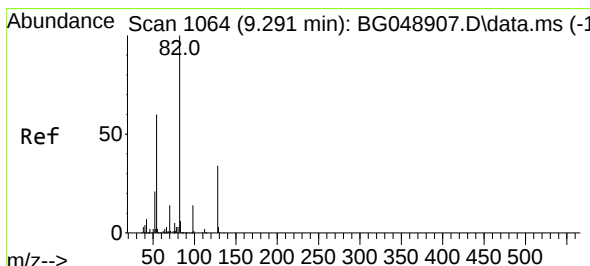
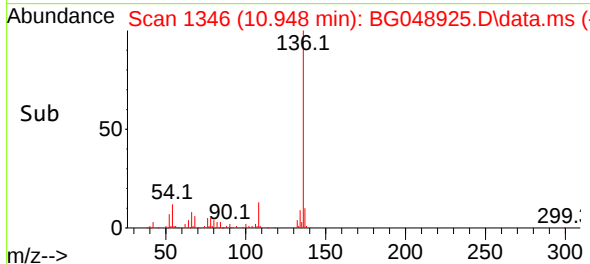
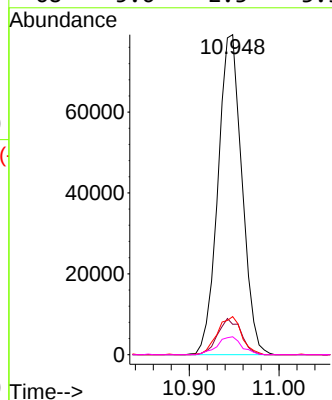
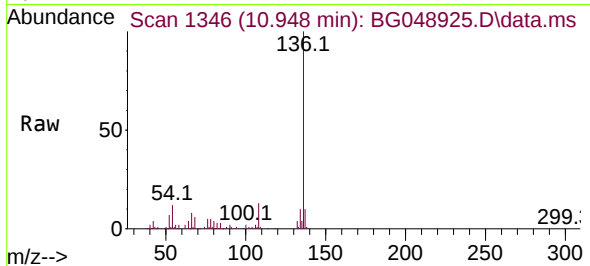




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.948 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BG048925.D
Acq: 12 Jun 2021 23:31

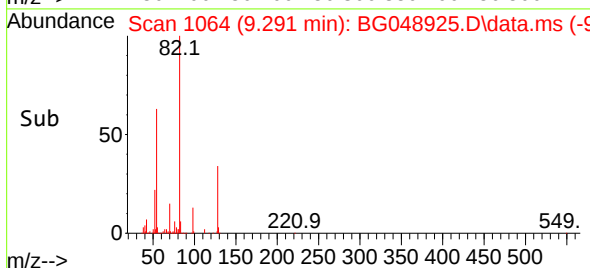
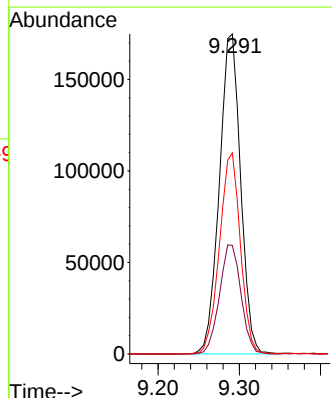
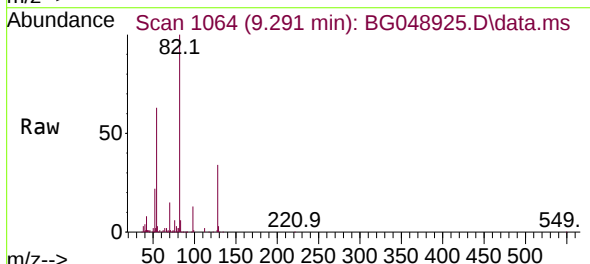
Instrument :
BNA_G
ClientSampleId :
18-B12(162-166)

Tgt Ion:136	Resp:	146537
Ion Ratio	Lower	Upper
136	100	
137	9.5	8.2 12.2
54	11.9	5.5 8.3#
68	5.6	2.3 3.5#



#23
Nitrobenzene-d5
Concen: 93.51 ng
RT: 9.291 min Scan# 1064
Delta R.T. 0.000 min
Lab File: BG048925.D
Acq: 12 Jun 2021 23:31

Tgt Ion: 82	Resp:	317781
Ion Ratio	Lower	Upper
82	100	
128	33.9	29.8 44.6
54	62.8	45.8 68.8

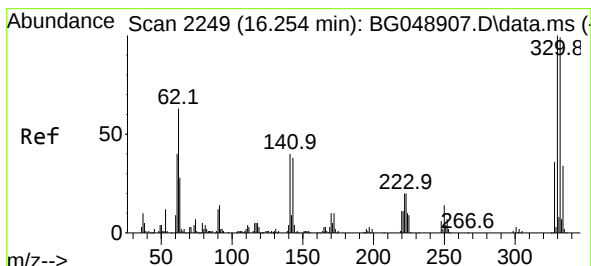
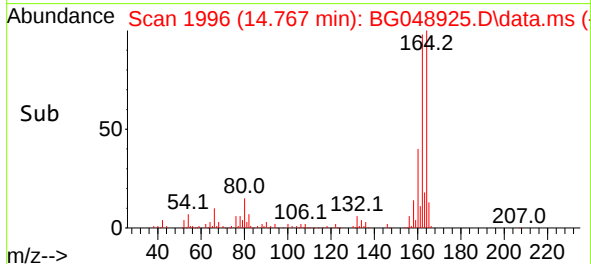
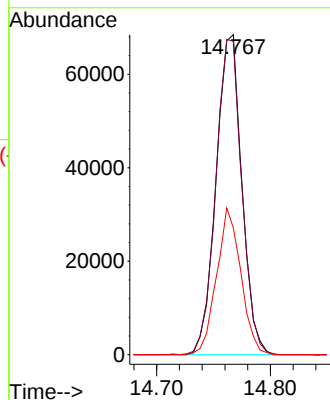
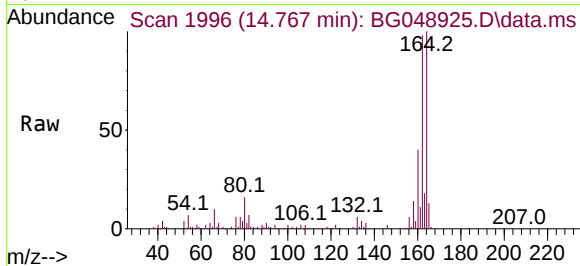




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.767 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BG048925.D
Acq: 12 Jun 2021 23:31

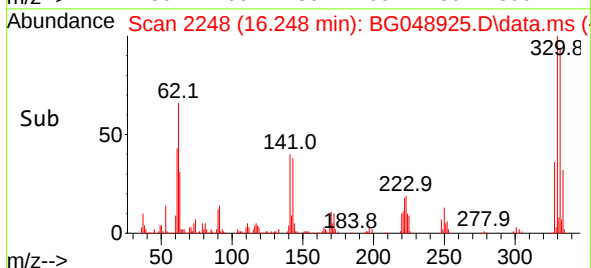
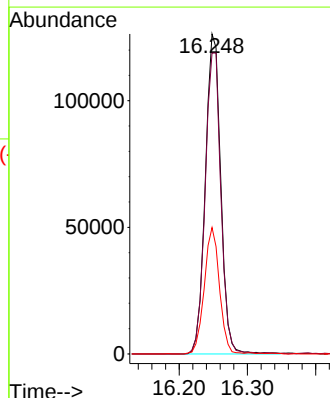
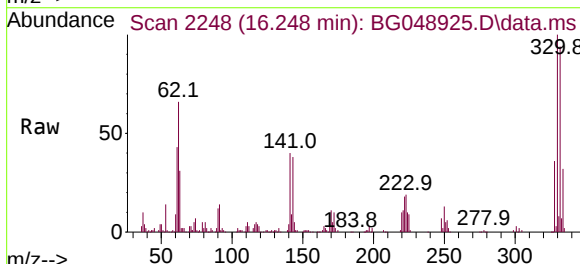
Instrument :
BNA_G
ClientSampleId :
18-B12(162-166)

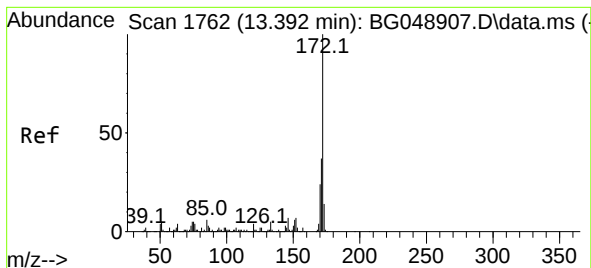
Tgt Ion:164 Resp: 107672
Ion Ratio Lower Upper
164 100
162 97.9 81.4 122.0
160 39.6 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 124.53 ng
RT: 16.248 min Scan# 2248
Delta R.T. -0.006 min
Lab File: BG048925.D
Acq: 12 Jun 2021 23:31

Tgt Ion:330 Resp: 198655
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 38.7 35.6 53.4

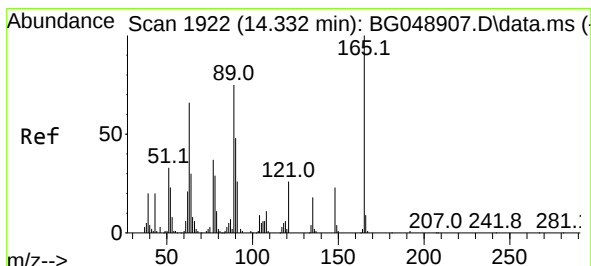
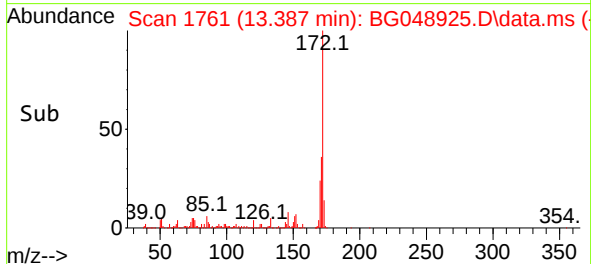
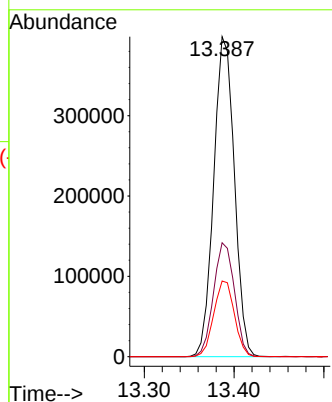
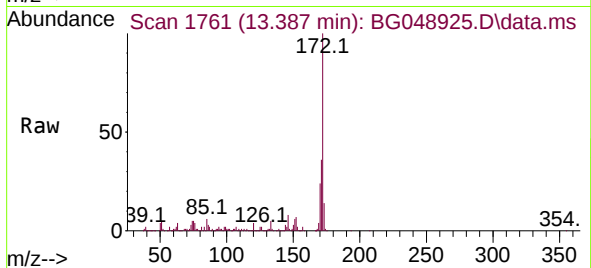




#45
2-Fluorobiphenyl
Concen: 83.51 ng
RT: 13.387 min Scan# 1761
Delta R.T. -0.005 min
Lab File: BG048925.D
Acq: 12 Jun 2021 23:31

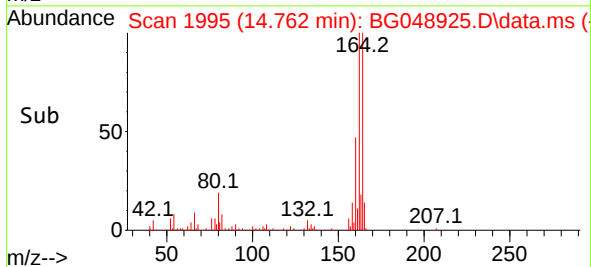
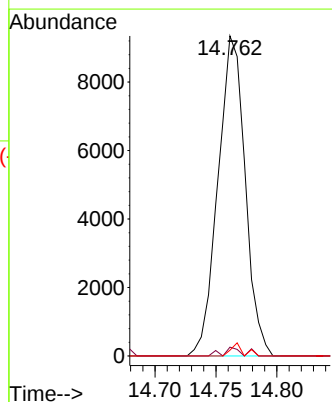
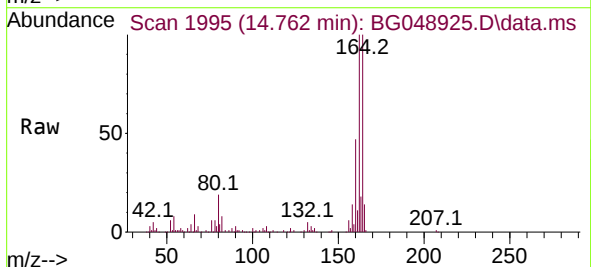
Instrument :
BNA_G
ClientSampleId :
18-B12(162-166)

Tgt Ion:	172	Resp:	636535
Ion Ratio	Lower	Upper	
172	100		
171	35.6	28.6	43.0
170	23.6	18.6	27.8



#51
2,6-Dinitrotoluene
Concen: 8.49 ng
RT: 14.762 min Scan# 1995
Delta R.T. 0.429 min
Lab File: BG048925.D
Acq: 12 Jun 2021 23:31

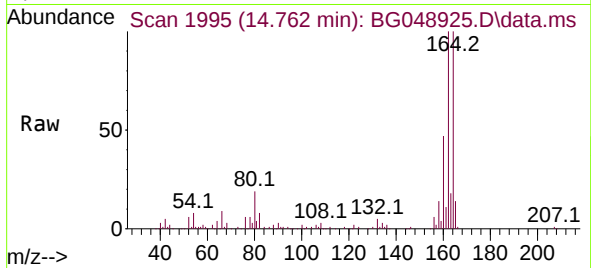
Tgt Ion:	165	Resp:	14505
Ion Ratio	Lower	Upper	
165	100		
63	2.8	63.3	94.9#
89	1.8	63.4	95.0#



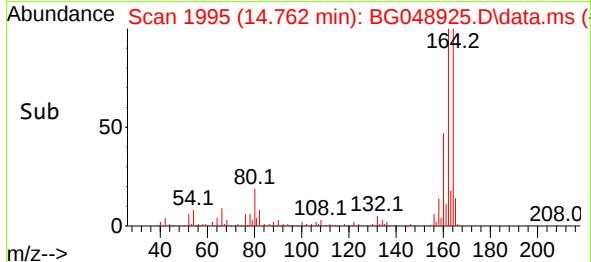
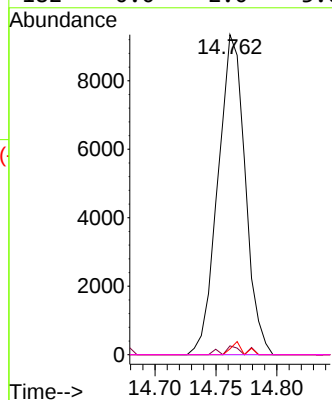


#57
2,4-Dinitrotoluene
Concen: 6.91 ng
RT: 14.762 min Scan# 1995
Delta R.T. -0.358 min
Lab File: BG048925.D
Acq: 12 Jun 2021 23:31

Instrument :
BNA_G
ClientSampleId :
18-B12(162-166)

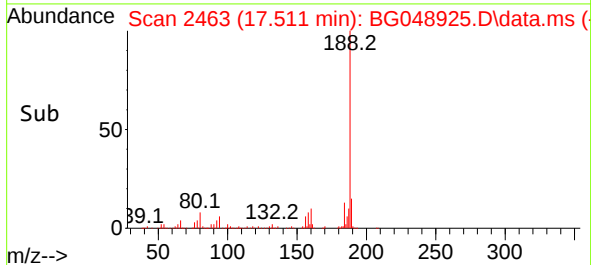
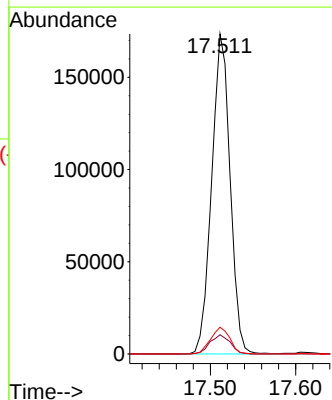
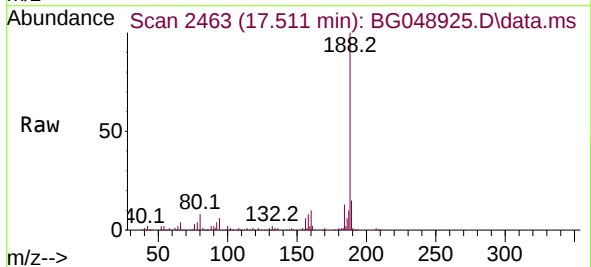


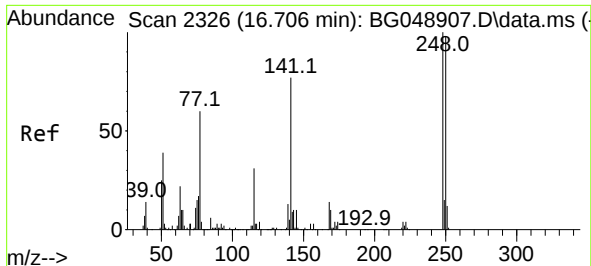
Tgt Ion:165 Resp: 14505
Ion Ratio Lower Upper
165 100
63 2.8 48.0 72.0#
89 1.8 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.511 min Scan# 2463
Delta R.T. -0.006 min
Lab File: BG048925.D
Acq: 12 Jun 2021 23:31

Tgt Ion:188 Resp: 260980
Ion Ratio Lower Upper
188 100
94 6.0 5.4 8.0
80 8.4 3.7 5.5#

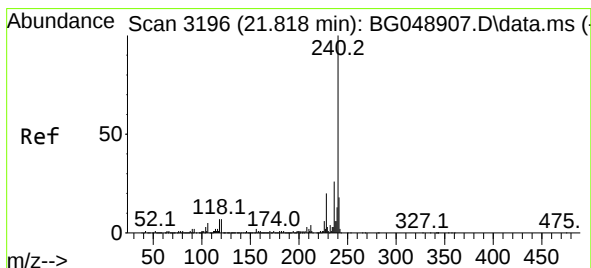
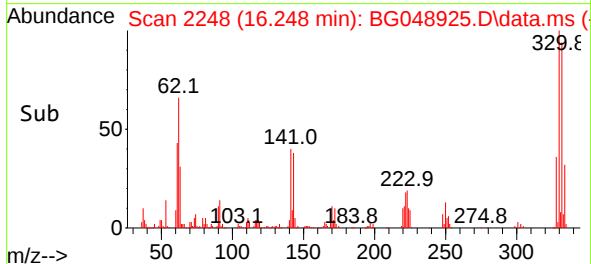
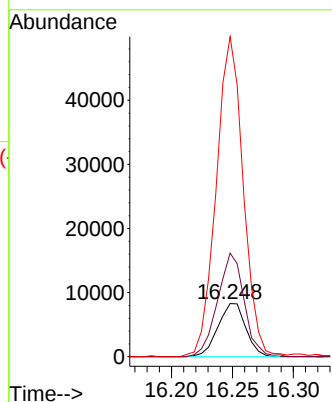
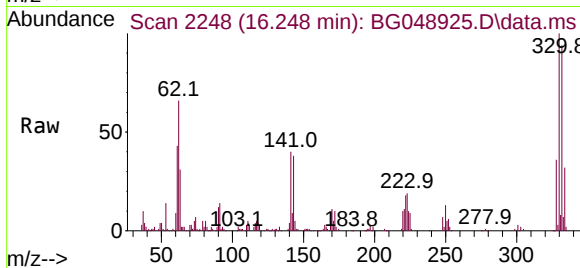




#67
4-Bromophenyl-phenylether
Concen: 4.05 ng
RT: 16.248 min Scan# 2248
Delta R.T. -0.458 min
Lab File: BG048925.D
Acq: 12 Jun 2021 23:31

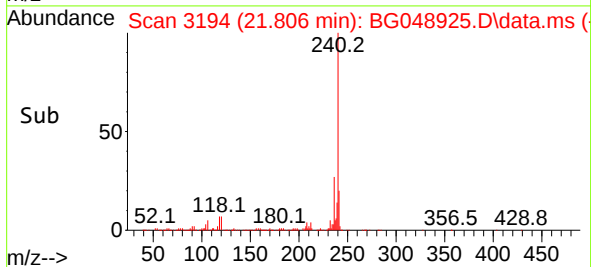
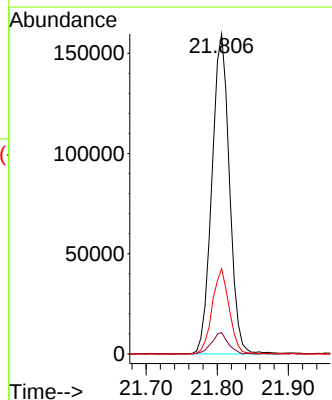
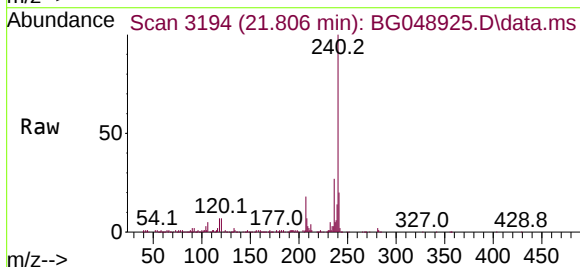
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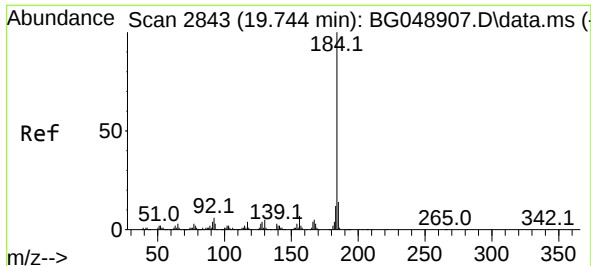
Tgt Ion:248 Resp: 13196
Ion Ratio Lower Upper
248 100
250 194.6 76.1 114.1#
141 601.8 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.806 min Scan# 3194
Delta R.T. -0.012 min
Lab File: BG048925.D
Acq: 12 Jun 2021 23:31

Tgt Ion:240 Resp: 272953
Ion Ratio Lower Upper
240 100
120 6.7 4.2 6.2#
236 26.6 21.8 32.6

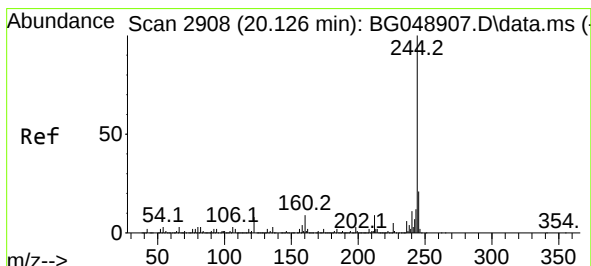
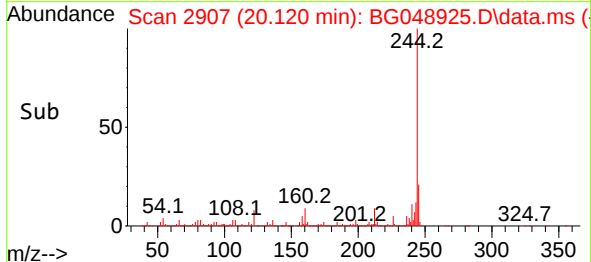
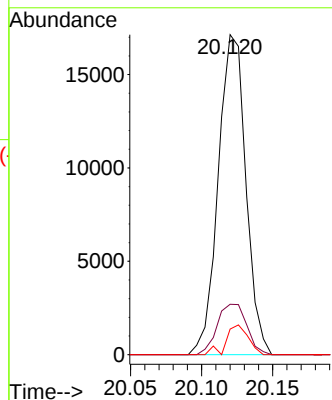
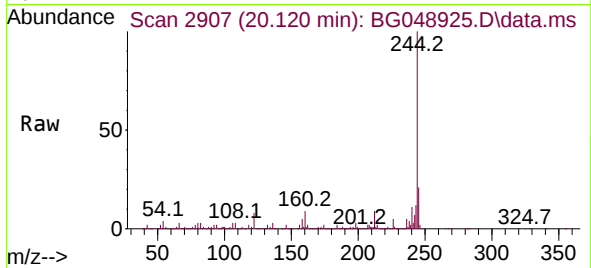




#77
Benzidine
Concen: 4.21 ng
RT: 20.120 min Scan# 2907
Delta R.T. 0.376 min
Lab File: BG048925.D
Acq: 12 Jun 2021 23:31

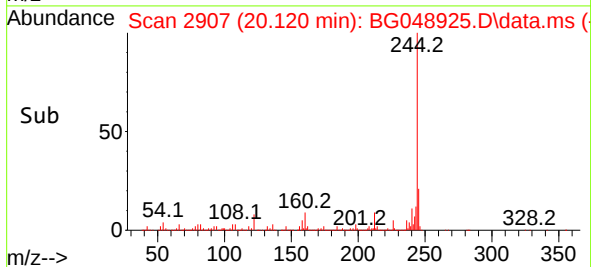
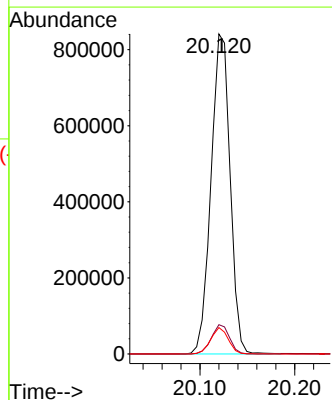
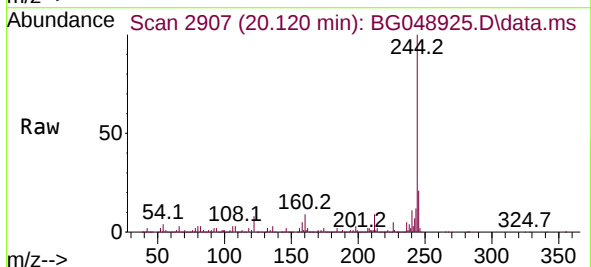
Instrument :
BNA_G
ClientSampleId :
18-B12(162-166)

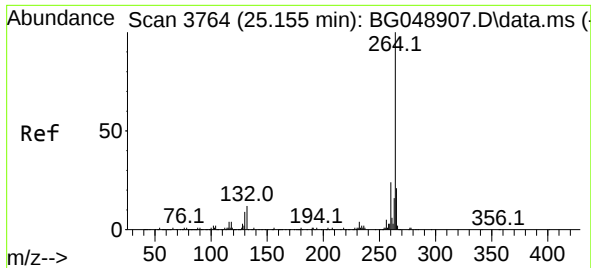
Tgt Ion:184 Resp: 23163
Ion Ratio Lower Upper
184 100
185 15.8 10.7 16.1
183 8.0 9.4 14.0#



#79
Terphenyl-d14
Concen: 78.77 ng
RT: 20.120 min Scan# 2907
Delta R.T. -0.006 min
Lab File: BG048925.D
Acq: 12 Jun 2021 23:31

Tgt Ion:244 Resp: 1173998
Ion Ratio Lower Upper
244 100
212 9.1 6.9 10.3
122 8.2 5.0 7.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.143 min Scan# 3762
 Delta R.T. -0.012 min
 Lab File: BG048925.D
 Acq: 12 Jun 2021 23:31

Instrument :
 BNA_G
 ClientSampleId :
 18-B12(162-166)

Tgt Ion:264 Resp: 267810
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.2
 265 20.0 16.9 25.3

