

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
 Data File : BG049124.D
 Acq On : 28 Jun 2021 18:23
 Operator : CG/JU
 Sample : M2857-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-13-COMP

Quant Time: Jun 29 04:01:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 24 11:02:36 2021
 Response via : Initial Calibration

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

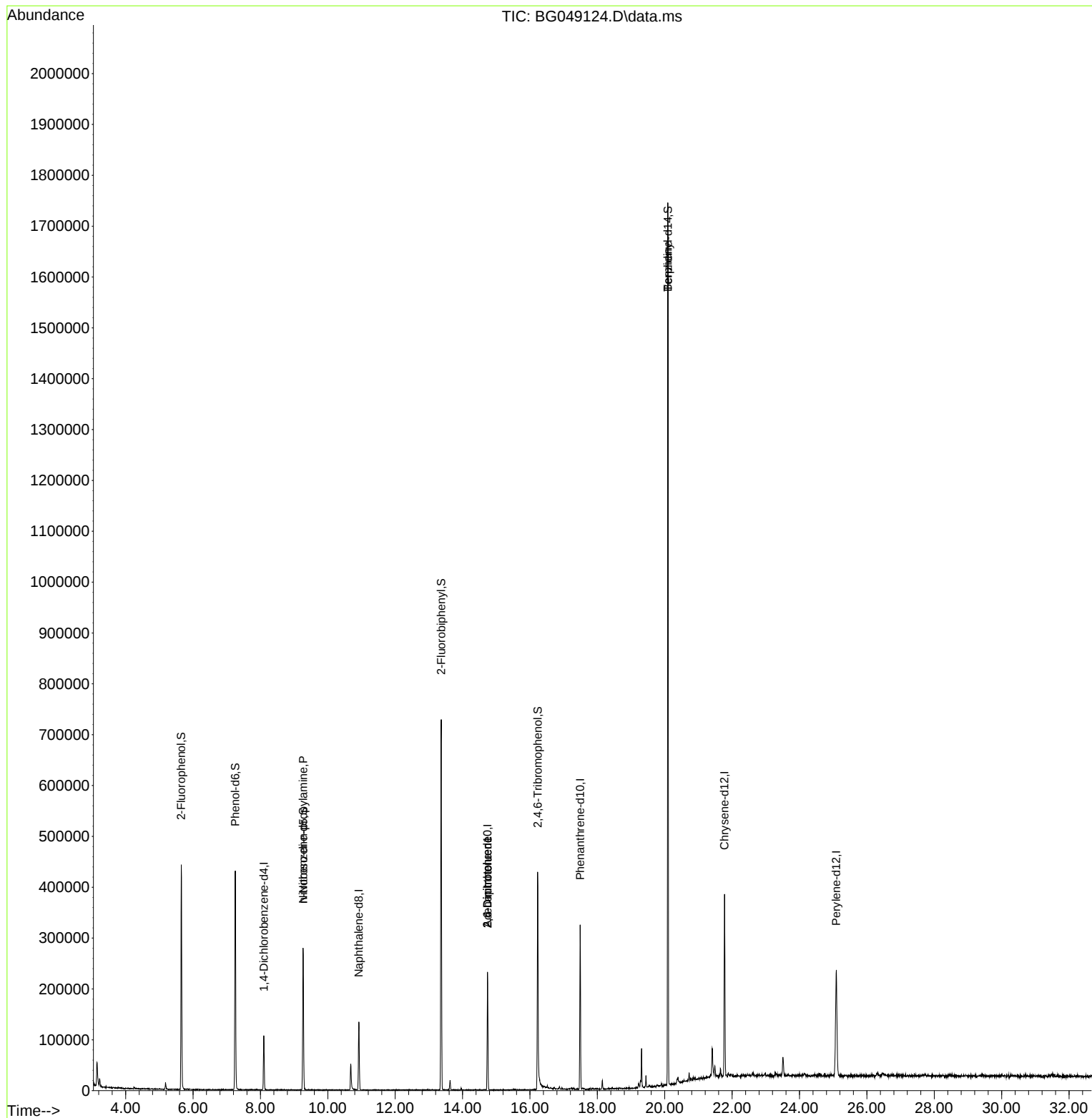
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.102	152	27744	20.00	ng	0.00
21) Naphthalene-d8	10.922	136	109028	20.00	ng	# 0.00
39) Acenaphthene-d10	14.741	164	85477	20.00	ng	0.00
64) Phenanthrene-d10	17.491	188	208652	20.00	ng	# 0.00
76) Chrysene-d12	21.774	240	228942	20.00	ng	-0.02
86) Perylene-d12	25.094	264	234717	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.652	112	178781	100.31	ng	0.00
7) Phenol-d6	7.256	99	226847	84.92	ng	0.00
23) Nitrobenzene-d5	9.265	82	166889	66.00	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	105114	83.00	ng	0.00
45) 2-Fluorobiphenyl	13.366	172	383471	63.38	ng	0.00
79) Terphenyl-d14	20.094	244	824100	65.92	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.265	70	24316	11.65	ng	# 70
51) 2,6-Dinitrotoluene	14.741	165	10803	7.97	ng	# 11
57) 2,4-Dinitrotoluene	14.741	165	10803	6.49	ng	# 17
77) Benzidine	20.094	184	15222	3.30	ng	# 93

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

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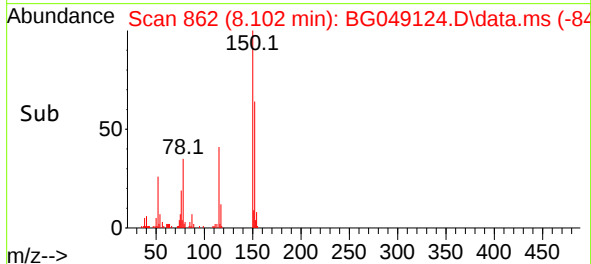
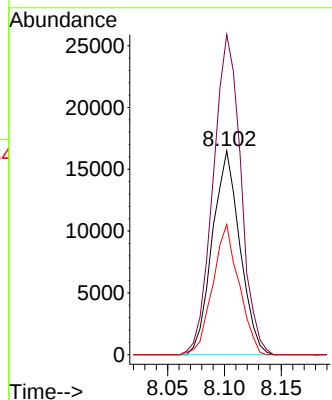
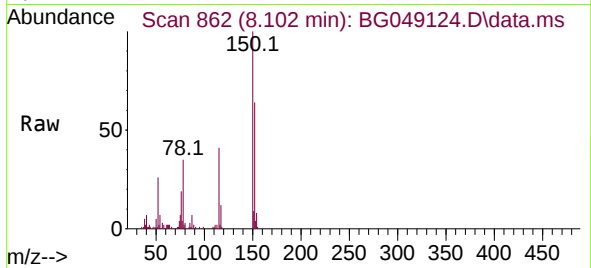




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.102 min Scan# 862
Delta R.T. -0.003 min
Lab File: BG049124.D
Acq: 28 Jun 2021 18:23

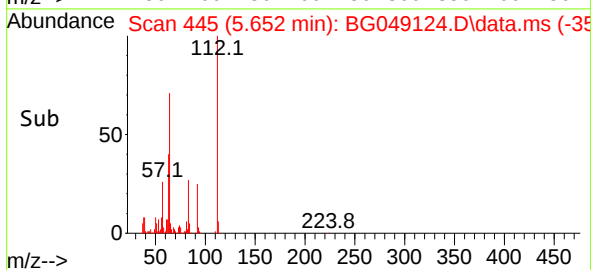
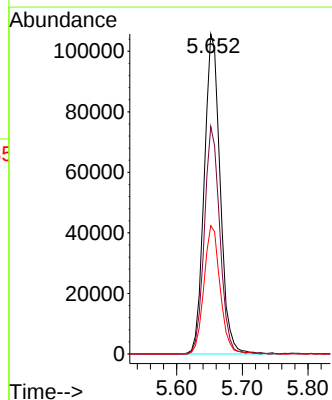
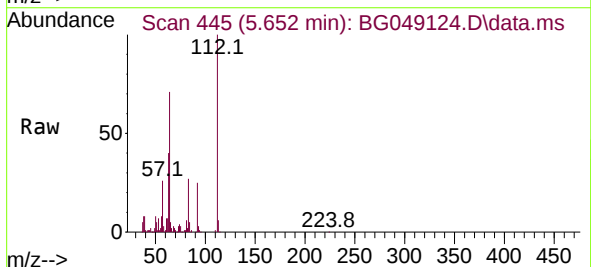
Instrument :
BNA_G
ClientSampleId :
SB-13-COMP

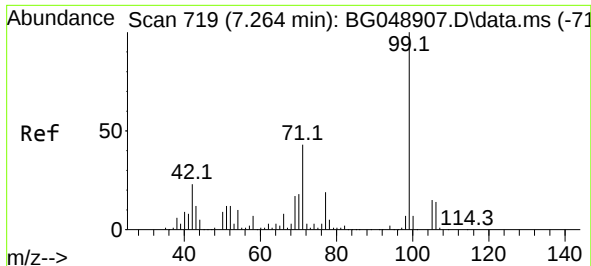
Tgt Ion:152 Resp: 27744
Ion Ratio Lower Upper
152 100
150 157.0 119.4 179.0
115 64.0 60.2 90.4



#5
2-Fluorophenol
Concen: 100.31 ng
RT: 5.652 min Scan# 445
Delta R.T. -0.004 min
Lab File: BG049124.D
Acq: 28 Jun 2021 18:23

Tgt Ion:112 Resp: 178781
Ion Ratio Lower Upper
112 100
64 71.1 46.7 70.1#
63 40.1 35.3 52.9

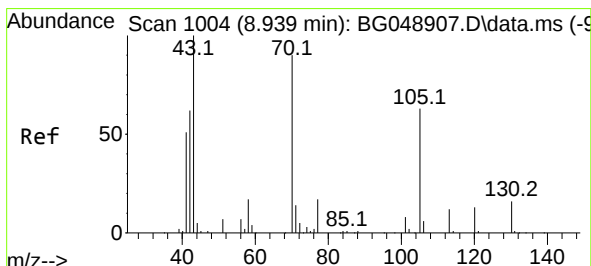
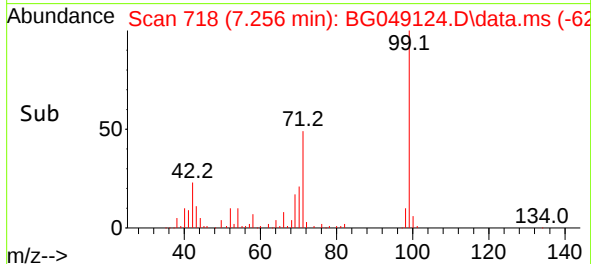
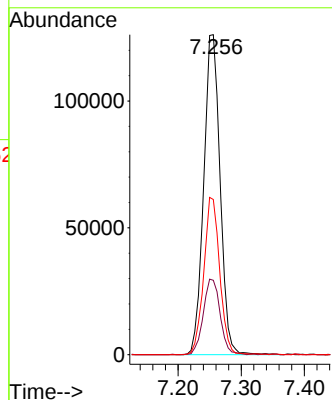
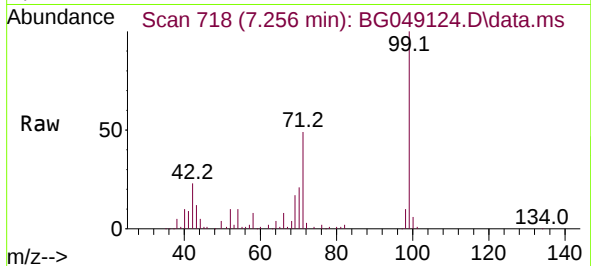




#7
Phenol-d6
Concen: 84.92 ng
RT: 7.256 min Scan# 718
Delta R.T. -0.004 min
Lab File: BG049124.D
Acq: 28 Jun 2021 18:23

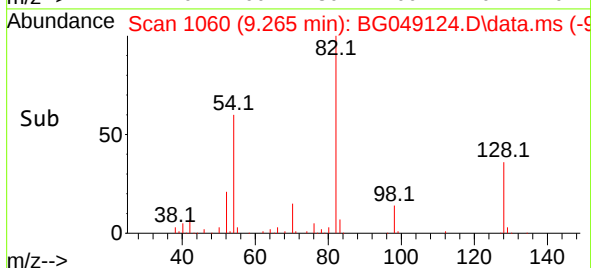
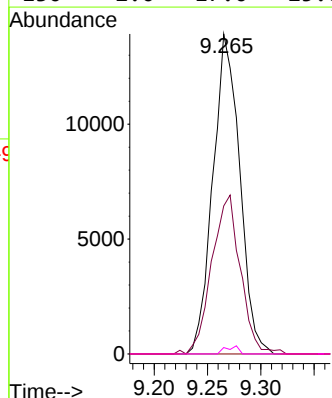
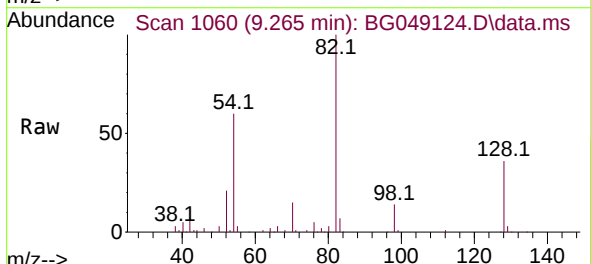
Instrument :
BNA_G
ClientSampleId :
SB-13-COMP

Tgt Ion: 99 Resp: 226847
Ion Ratio Lower Upper
99 100
42 23.2 20.5 30.7
71 48.5 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 11.65 ng
RT: 9.265 min Scan# 1060
Delta R.T. 0.355 min
Lab File: BG049124.D
Acq: 28 Jun 2021 18:23

Tgt Ion: 70 Resp: 24316
Ion Ratio Lower Upper
70 100
42 46.3 54.5 81.7#
101 0.0 9.0 13.6#
130 2.0 17.0 25.6#

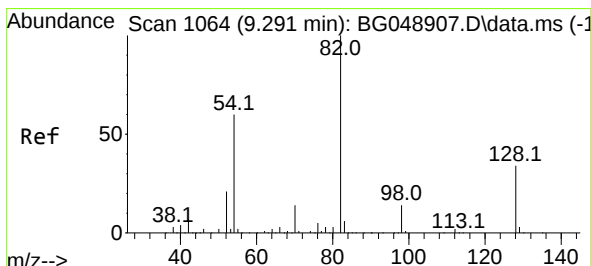
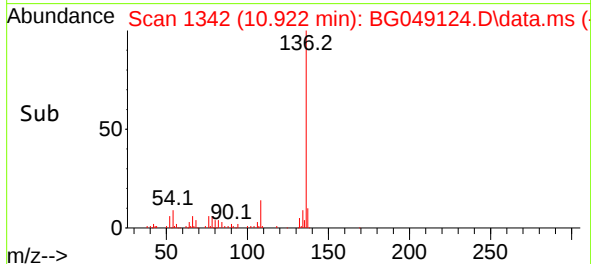
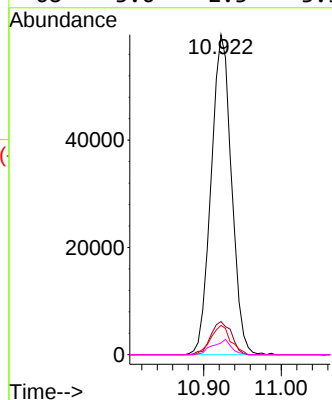
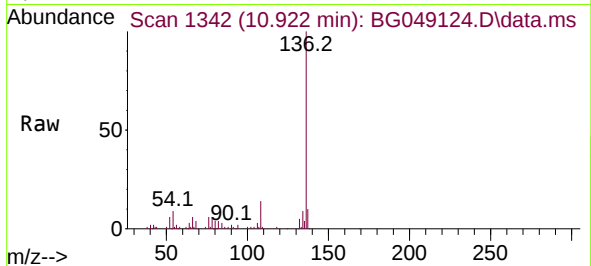




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.922 min Scan# 1342
Delta R.T. -0.004 min
Lab File: BG049124.D
Acq: 28 Jun 2021 18:23

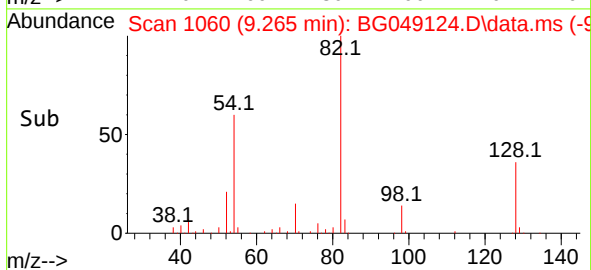
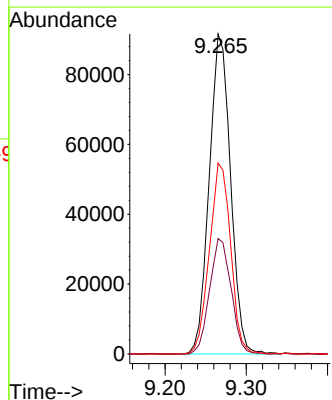
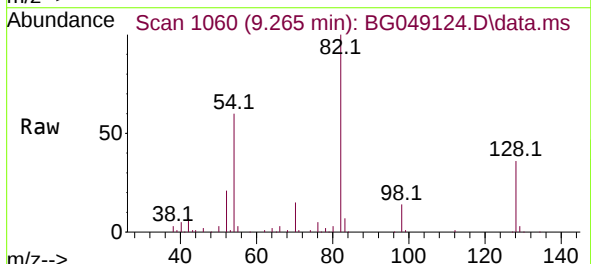
Instrument :
BNA_G
ClientSampleId :
SB-13-COMP

Tgt Ion:	136	Resp:	109028
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.2	12.2
54	9.2	5.5	8.3#
68	3.6	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 66.00 ng
RT: 9.265 min Scan# 1060
Delta R.T. -0.009 min
Lab File: BG049124.D
Acq: 28 Jun 2021 18:23

Tgt Ion:	82	Resp:	166889
Ion Ratio	Lower	Upper	
82	100		
128	36.1	29.8	44.6
54	59.6	45.8	68.8

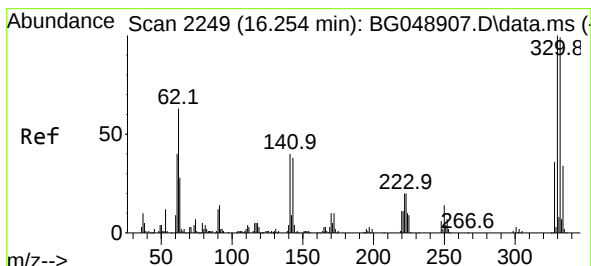
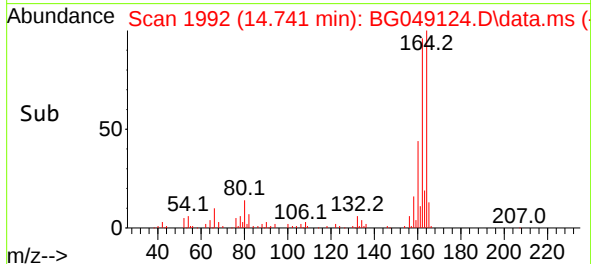
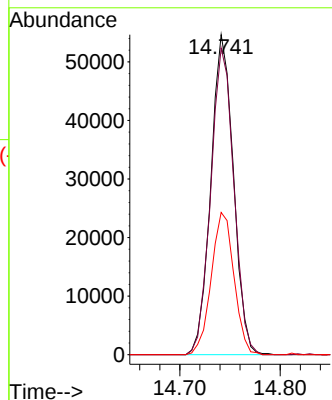
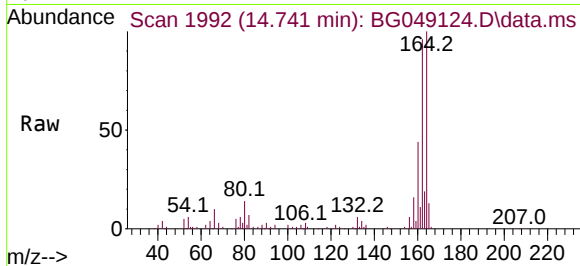




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.741 min Scan# 1992
Delta R.T. -0.009 min
Lab File: BG049124.D
Acq: 28 Jun 2021 18:23

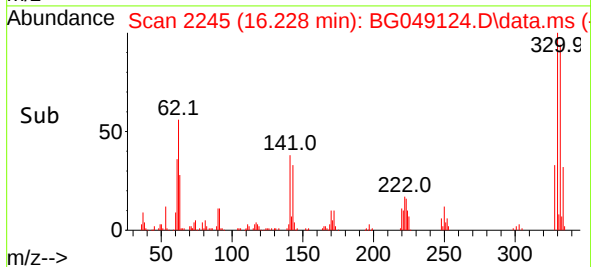
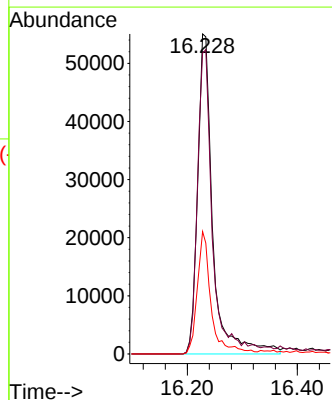
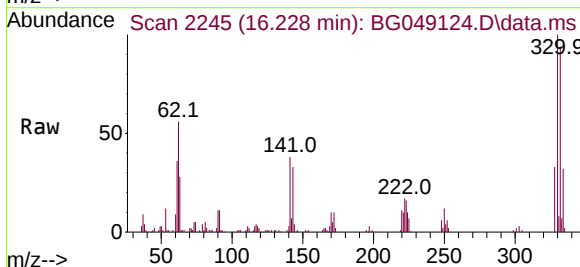
Instrument :
BNA_G
ClientSampleId :
SB-13-COMP

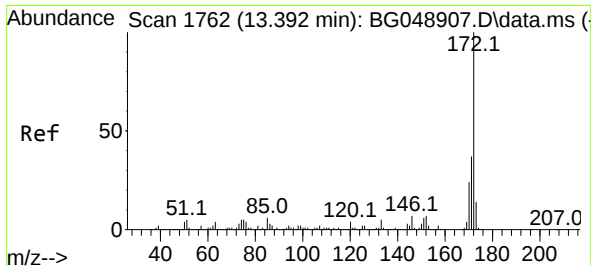
Tgt Ion:164 Resp: 85477
Ion Ratio Lower Upper
164 100
162 95.8 81.4 122.0
160 44.4 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 83.00 ng
RT: 16.228 min Scan# 2245
Delta R.T. -0.009 min
Lab File: BG049124.D
Acq: 28 Jun 2021 18:23

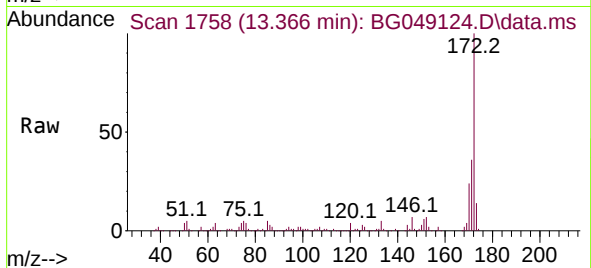
Tgt Ion:330 Resp: 105114
Ion Ratio Lower Upper
330 100
332 93.4 77.3 115.9
141 35.0 35.6 53.4#



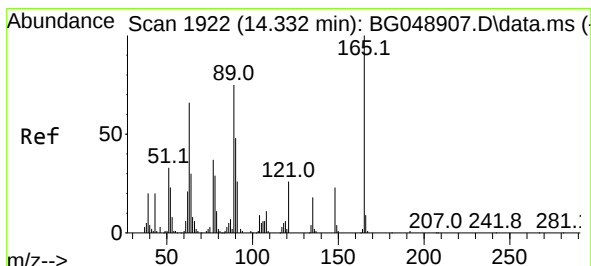
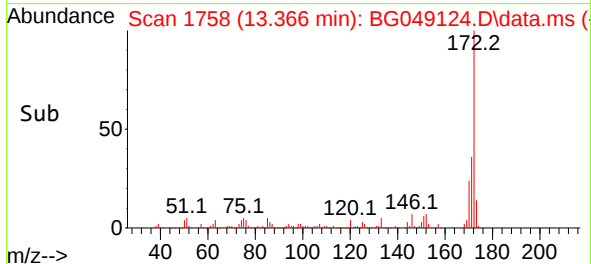
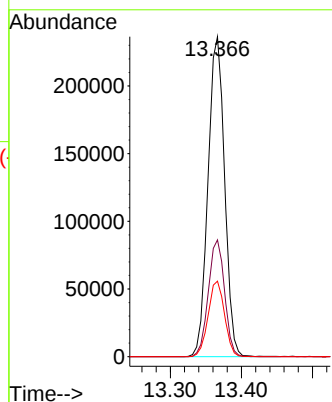


#45
2-Fluorobiphenyl
Concen: 63.38 ng
RT: 13.366 min Scan# 1758
Delta R.T. -0.004 min
Lab File: BG049124.D
Acq: 28 Jun 2021 18:23

Instrument :
BNA_G
ClientSampleId :
SB-13-COMP

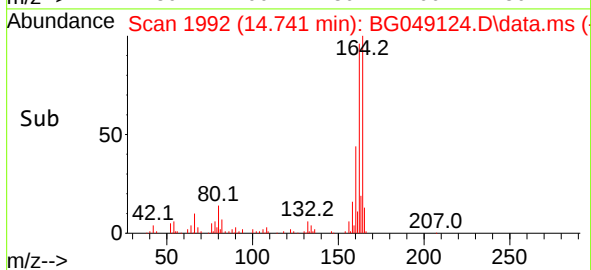
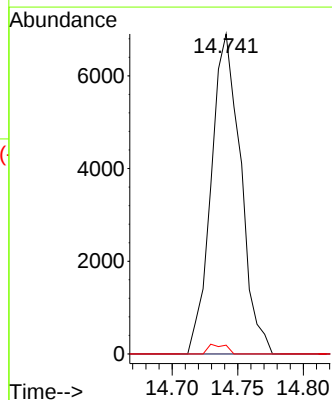
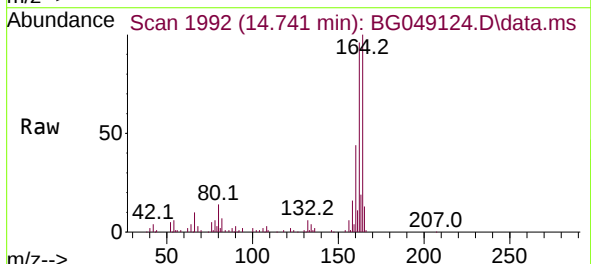


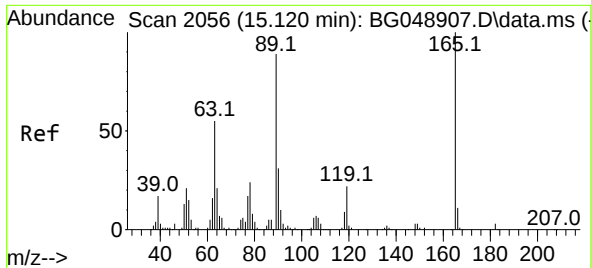
Tgt Ion:172 Resp: 383471
Ion Ratio Lower Upper
172 100
171 36.5 28.6 43.0
170 23.6 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.97 ng
RT: 14.741 min Scan# 1992
Delta R.T. 0.425 min
Lab File: BG049124.D
Acq: 28 Jun 2021 18:23

Tgt Ion:165 Resp: 10803
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 2.8 63.4 95.0#

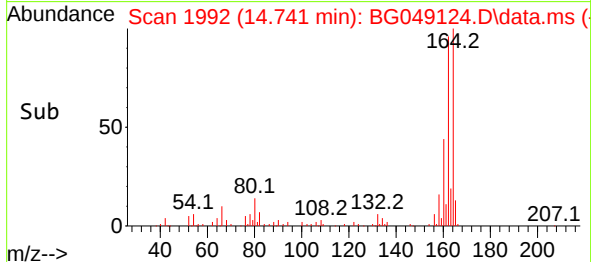
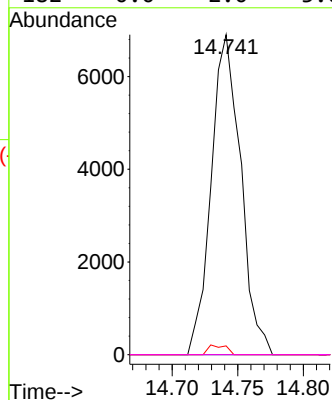
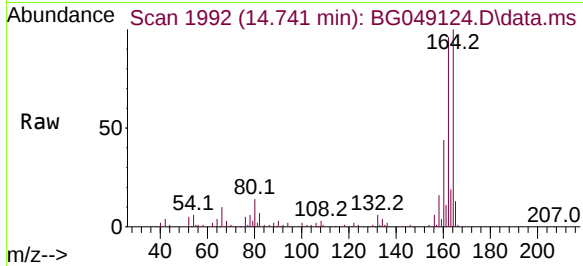




#57
2,4-Dinitrotoluene
Concen: 6.49 ng
RT: 14.741 min Scan# 1992
Delta R.T. -0.362 min
Lab File: BG049124.D
Acq: 28 Jun 2021 18:23

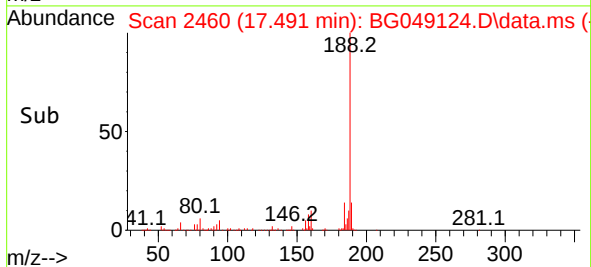
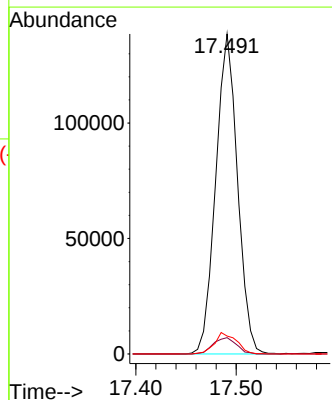
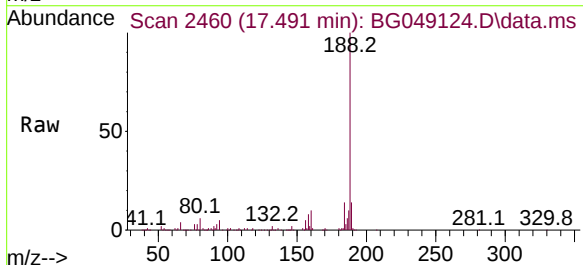
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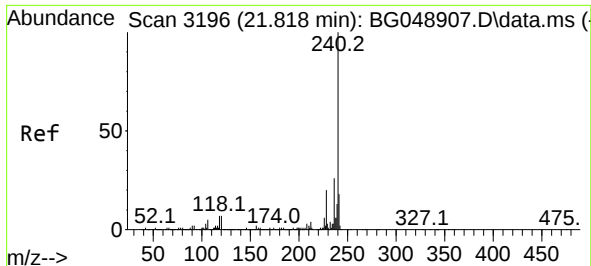
Tgt Ion:165 Resp: 10803
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 2.8 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.491 min Scan# 2460
Delta R.T. -0.009 min
Lab File: BG049124.D
Acq: 28 Jun 2021 18:23

Tgt Ion:188 Resp: 208652
Ion Ratio Lower Upper
188 100
94 5.1 5.4 8.0#
80 5.6 3.7 5.5#

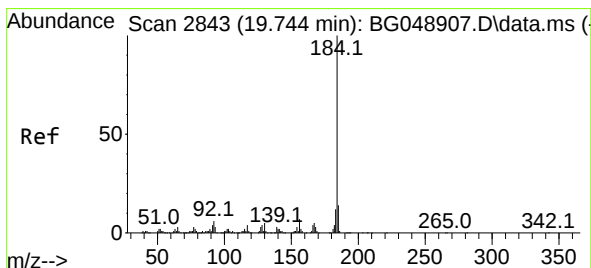
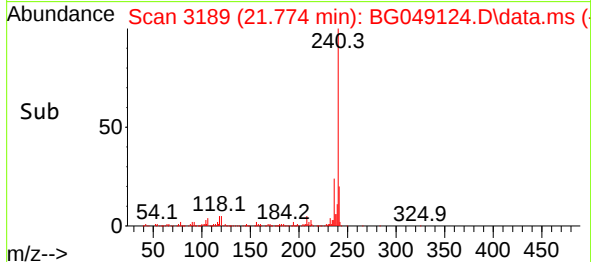
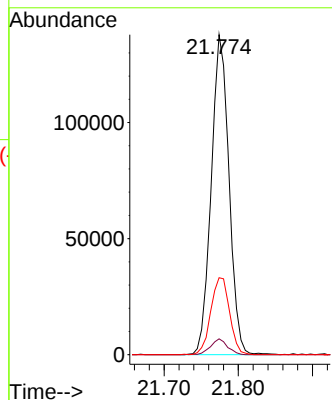
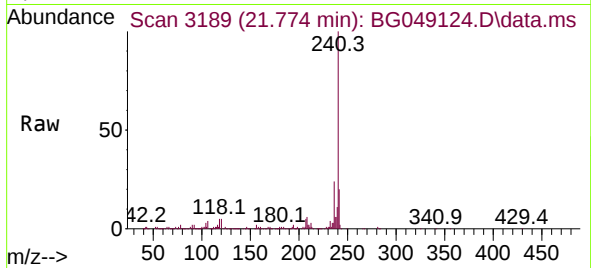




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.774 min Scan# 3189
Delta R.T. -0.015 min
Lab File: BG049124.D
Acq: 28 Jun 2021 18:23

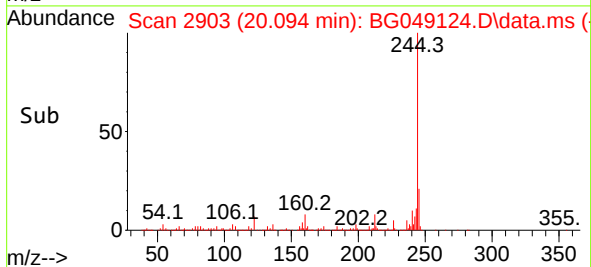
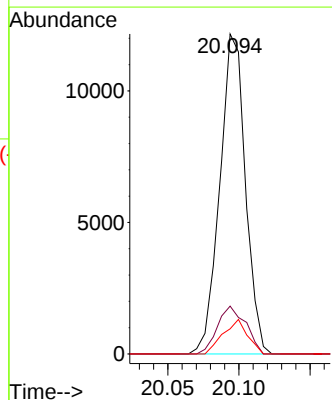
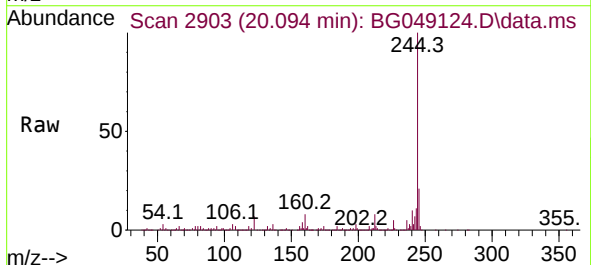
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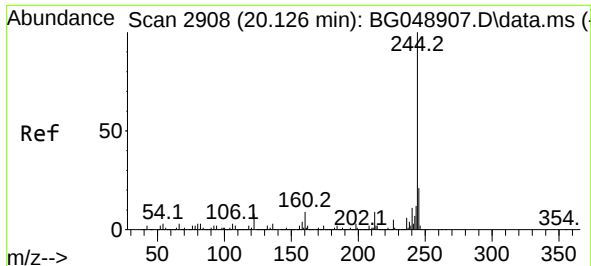
Tgt Ion:240 Resp: 228942
Ion Ratio Lower Upper
240 100
120 5.0 4.2 6.2
236 24.0 21.8 32.6



#77
Benzidine
Concen: 3.30 ng
RT: 20.094 min Scan# 2903
Delta R.T. 0.372 min
Lab File: BG049124.D
Acq: 28 Jun 2021 18:23

Tgt Ion:184 Resp: 15222
Ion Ratio Lower Upper
184 100
185 14.9 10.7 16.1
183 7.9 9.4 14.0#

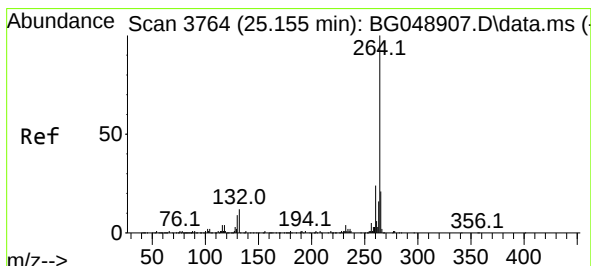
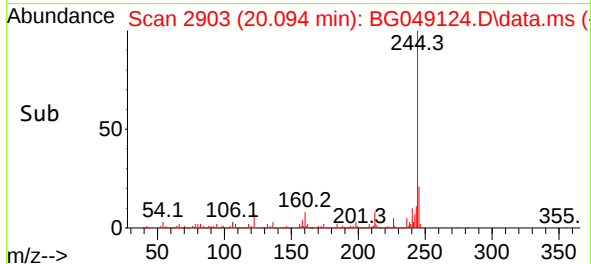
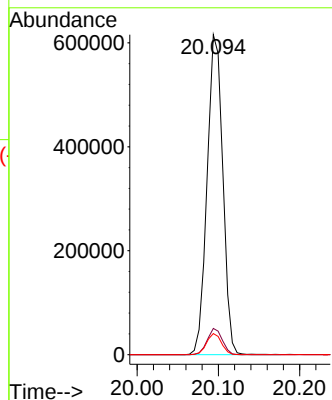
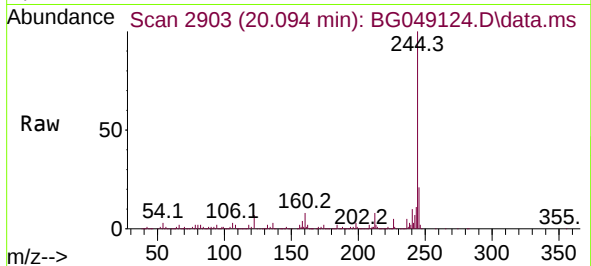




#79
 Terphenyl-d14
 Concen: 65.92 ng
 RT: 20.094 min Scan# 2903
 Delta R.T. -0.009 min
 Lab File: BG049124.D
 Acq: 28 Jun 2021 18:23

Instrument :
 BNA_G
 ClientSampleId :
 SB-13-COMP

Tgt Ion:244 Resp: 824100
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.9 10.3
 122 6.6 5.0 7.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.094 min Scan# 3754
 Delta R.T. -0.009 min
 Lab File: BG049124.D
 Acq: 28 Jun 2021 18:23

Tgt Ion:264 Resp: 234717
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.4 29.2
 265 23.9 16.9 25.3

