

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061421\
 Data File : BG048949.D
 Acq On : 14 Jun 2021 14:43
 Operator : CG/JU
 Sample : M2678-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0243-AMND-COMPOSITE-H

Quant Time: Jun 14 15:29:37 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

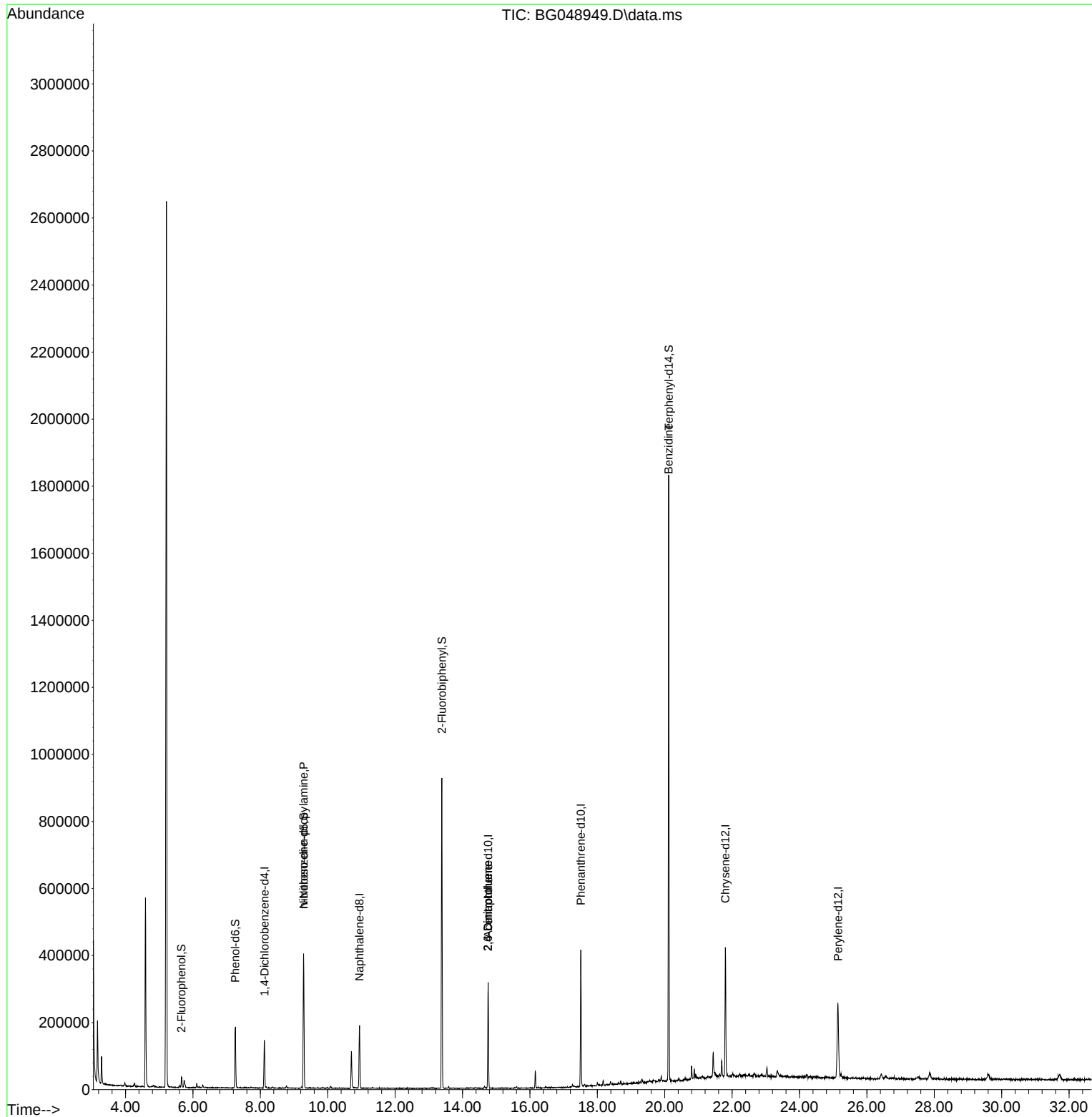
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.123	152	37066	20.000	ng	0.00
21) Naphthalene-d8	10.943	136	151220	20.000	ng	# 0.00
39) Acenaphthene-d10	14.762	164	108533	20.000	ng	0.00
64) Phenanthrene-d10	17.512	188	254192	20.000	ng	# 0.00
76) Chrysene-d12	21.801	240	250337	20.000	ng	#-0.02
86) Perylene-d12	25.144	264	258188	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.661	112	11886	4.992	ng	0.00
7) Phenol-d6	7.259	99	92686	25.971	ng	0.00
23) Nitrobenzene-d5	9.286	82	241309	68.808	ng	0.00
42) 2,4,6-Tribromophenol	16.237	330	420	0.261	ng	-0.02
45) 2-Fluorobiphenyl	13.387	172	482658	62.823	ng	0.00
79) Terphenyl-d14	20.121	244	854633	62.523	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.286	70	35353	12.673	ng	# 75
51) 2,6-Dinitrotoluene	14.756	165	13810	8.021	ng	# 10
57) 2,4-Dinitrotoluene	14.756	165	13810	6.530	ng	# 15
77) Benzidine	20.115	184	16192	3.211	ng	# 91

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

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Instrument :
BNA_G
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0243-AMND-COMPOSITE-H

Quant Time: Jun 14 15:29:37 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
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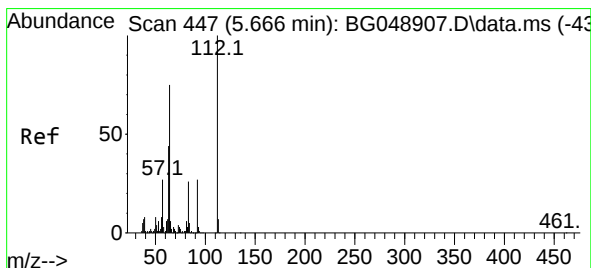
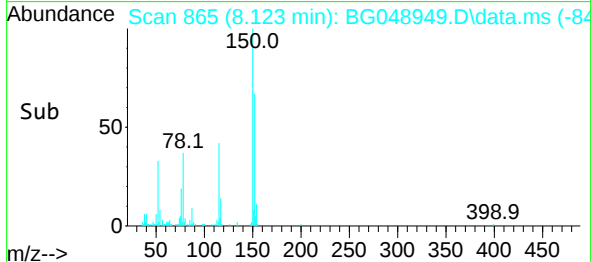
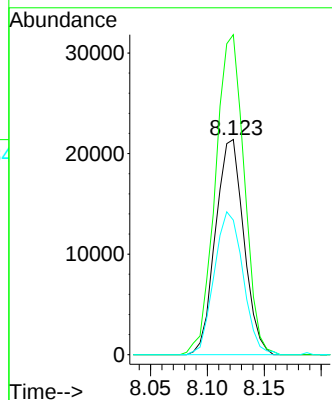
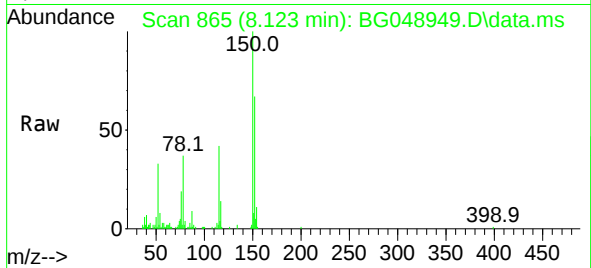




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.123 min Scan# 865
Delta R.T. 0.001 min
Lab File: BG048949.D
Acq: 14 Jun 2021 14:43

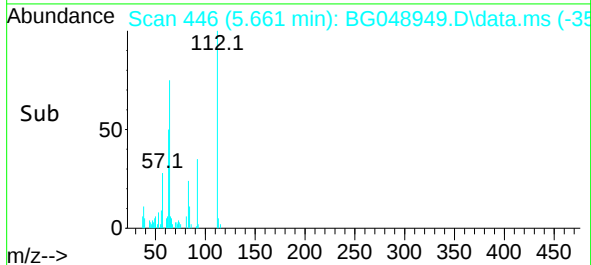
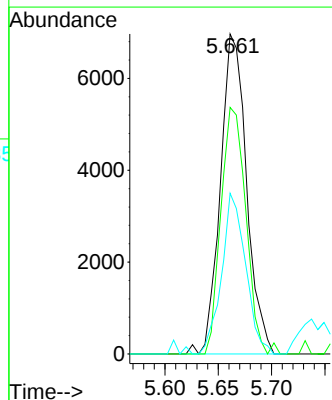
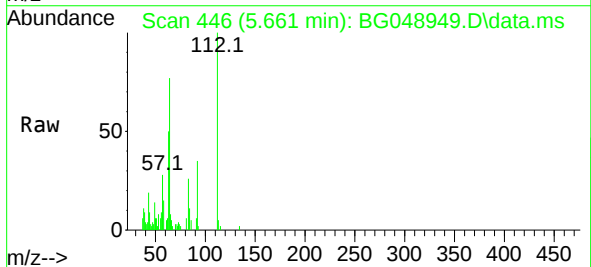
Instrument :
BNA_G
ClientSampleId :
0243-AMND-COMPOSITE-H

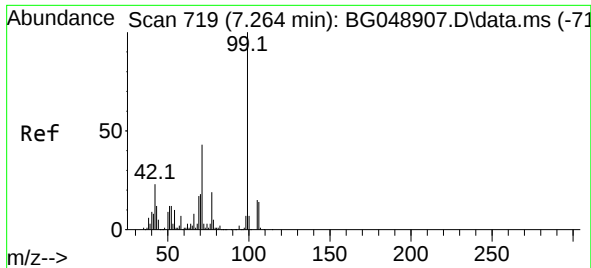
Tgt Ion:152 Resp: 37066
Ion Ratio Lower Upper
152 100
150 148.7 119.4 179.0
115 62.5 60.2 90.4



#5
2-Fluorophenol
Concen: 4.992 ng
RT: 5.661 min Scan# 446
Delta R.T. -0.005 min
Lab File: BG048949.D
Acq: 14 Jun 2021 14:43

Tgt Ion:112 Resp: 11886
Ion Ratio Lower Upper
112 100
64 77.1 46.7 70.1#
63 50.2 35.3 52.9

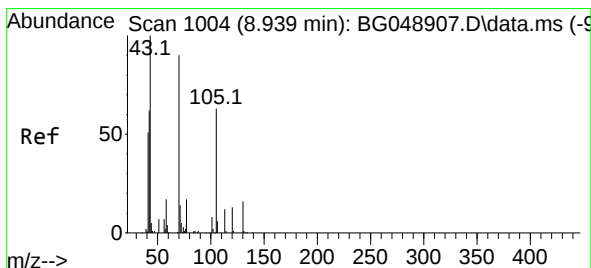
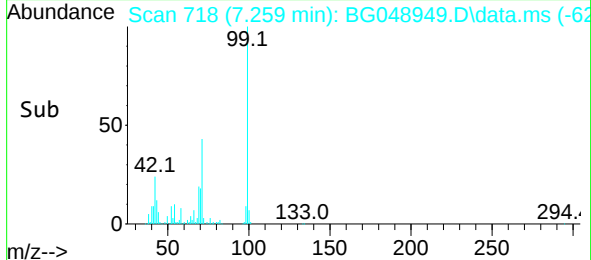
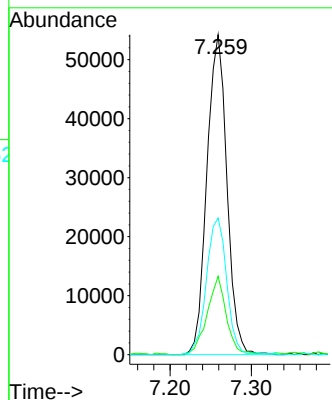
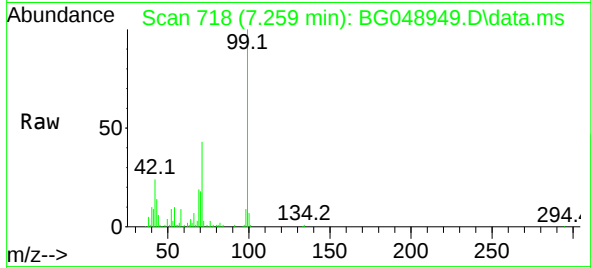




#7
Phenol-d6
Concen: 25.971 ng
RT: 7.259 min Scan# 718
Delta R.T. -0.005 min
Lab File: BG048949.D
Acq: 14 Jun 2021 14:43

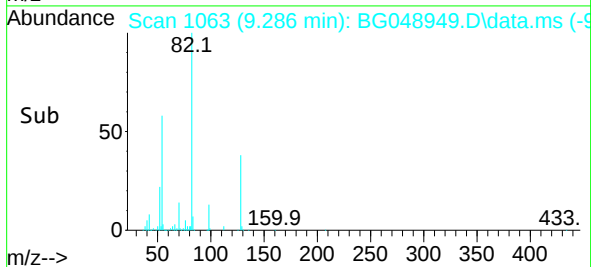
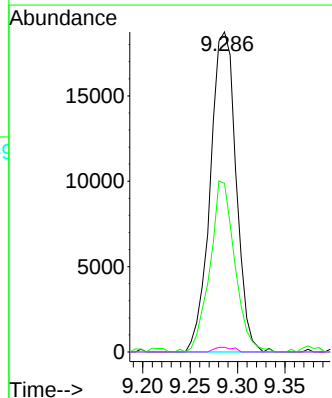
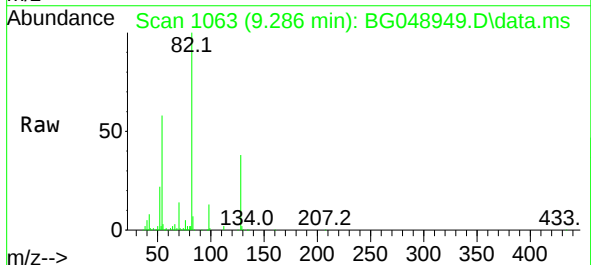
Instrument :
BNA_G
ClientSampleId :
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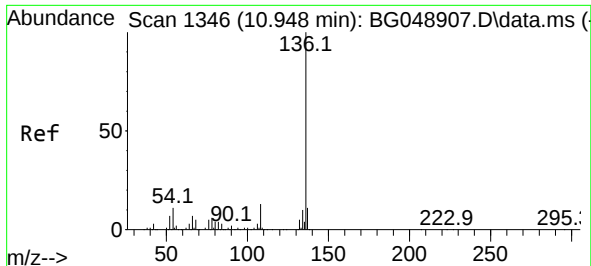
Tgt Ion: 99 Resp: 92686
Ion Ratio Lower Upper
99 100
42 24.5 20.5 30.7
71 42.7 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.673 ng
RT: 9.286 min Scan# 1063
Delta R.T. 0.347 min
Lab File: BG048949.D
Acq: 14 Jun 2021 14:43

Tgt Ion: 70 Resp: 35353
Ion Ratio Lower Upper
70 100
42 52.7 54.5 81.7#
101 0.0 9.0 13.6#
130 1.5 17.0 25.6#

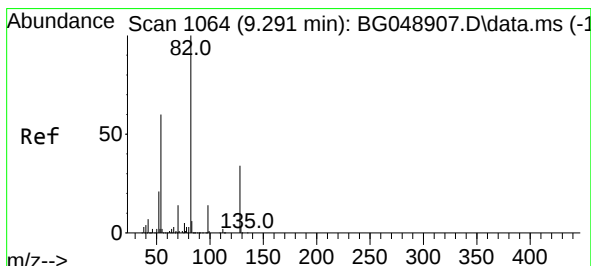
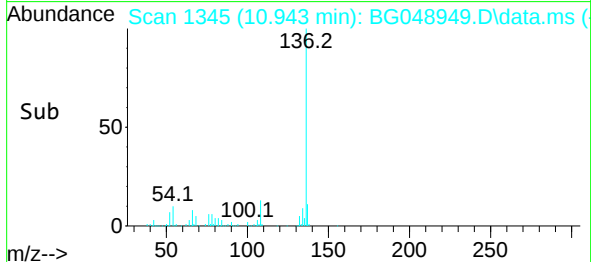
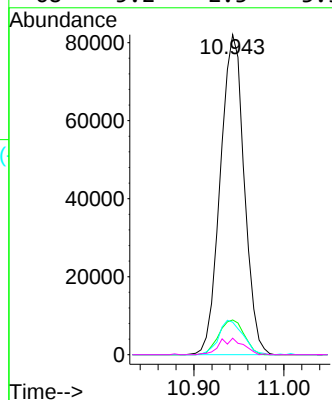
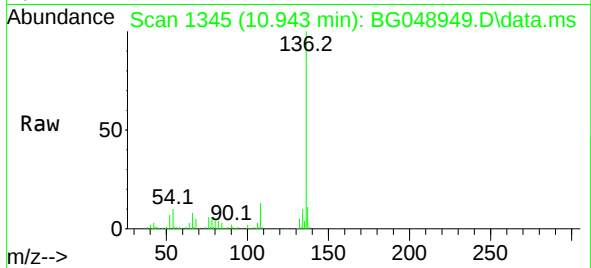




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.943 min Scan# 1345
Delta R.T. -0.005 min
Lab File: BG048949.D
Acq: 14 Jun 2021 14:43

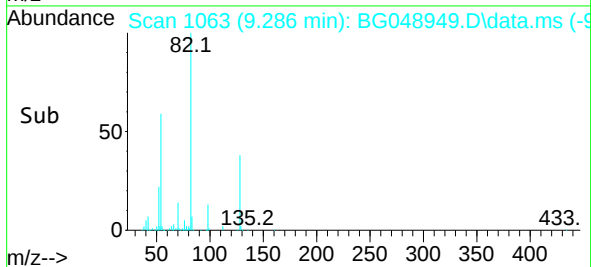
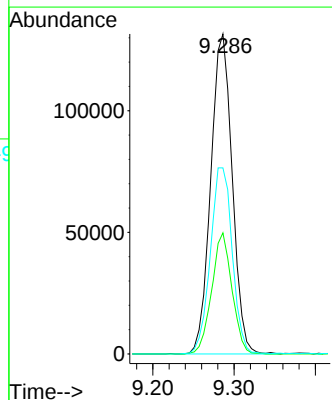
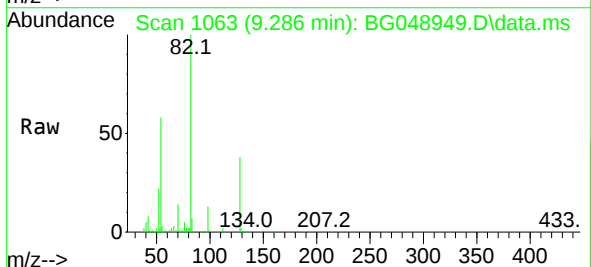
Instrument :
BNA_G
ClientSampleId :
0243-AMND-COMPOSITE-H

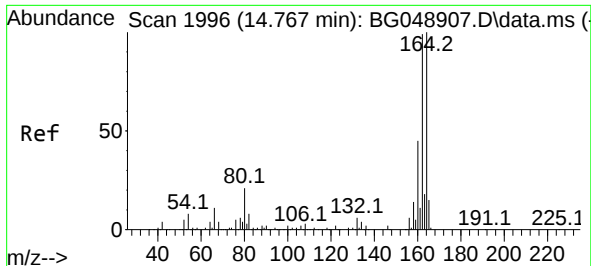
Tgt Ion:	136	Resp:	151220
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.2	12.2
54	10.2	5.5	8.3#
68	5.2	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 68.808 ng
RT: 9.286 min Scan# 1063
Delta R.T. -0.005 min
Lab File: BG048949.D
Acq: 14 Jun 2021 14:43

Tgt Ion:	82	Resp:	241309
Ion Ratio	Lower	Upper	
82	100		
128	37.8	29.8	44.6
54	58.2	45.8	68.8

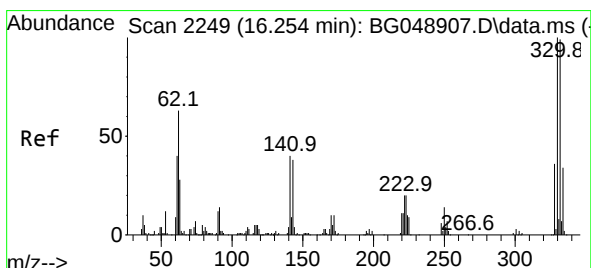
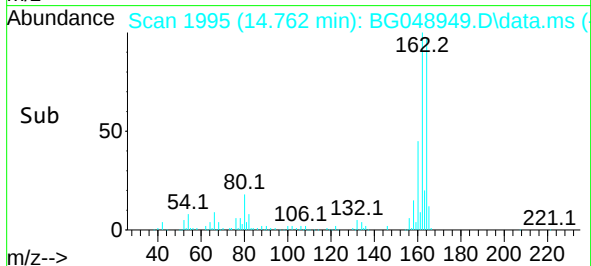
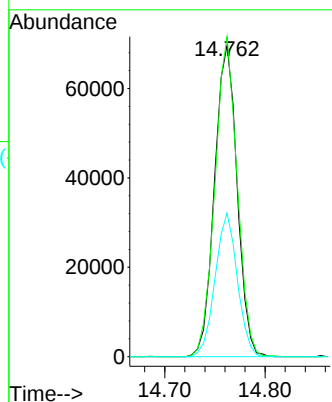
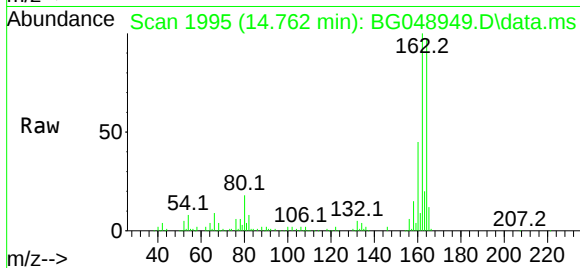




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.762 min Scan# 1995
Delta R.T. -0.005 min
Lab File: BG048949.D
Acq: 14 Jun 2021 14:43

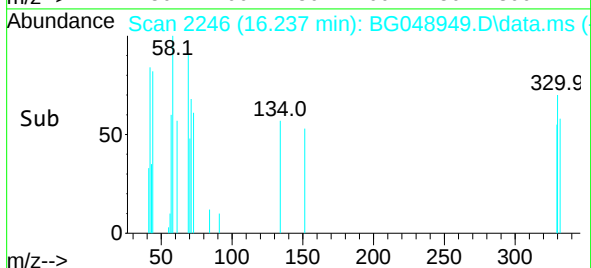
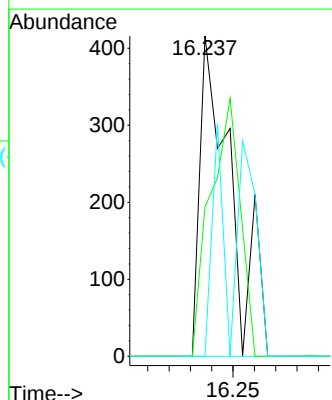
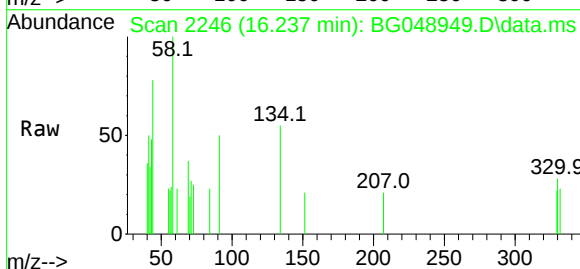
Instrument :
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ClientSampleId :
0243-AMND-COMPOSITE-H

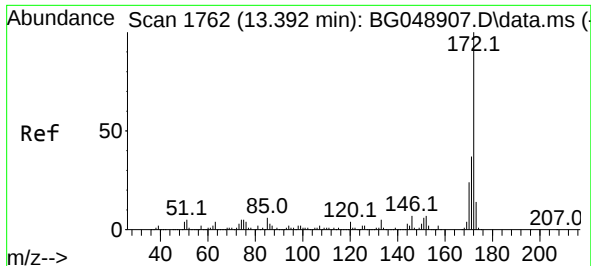
Tgt Ion:164 Resp: 108533
Ion Ratio Lower Upper
164 100
162 102.8 81.4 122.0
160 46.1 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 0.261 ng
RT: 16.237 min Scan# 2246
Delta R.T. -0.017 min
Lab File: BG048949.D
Acq: 14 Jun 2021 14:43

Tgt Ion:330 Resp: 420
Ion Ratio Lower Upper
330 100
332 0.0 77.3 115.9#
141 25.5 35.6 53.4#

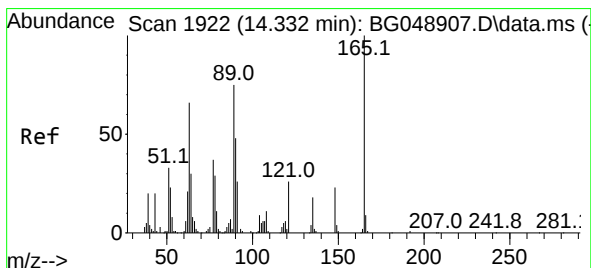
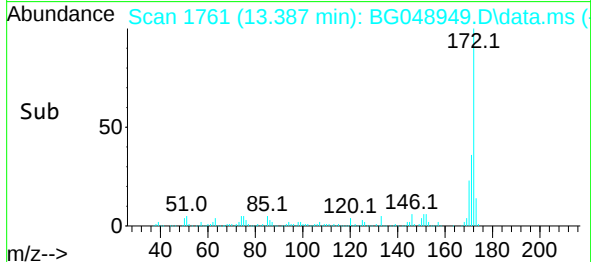
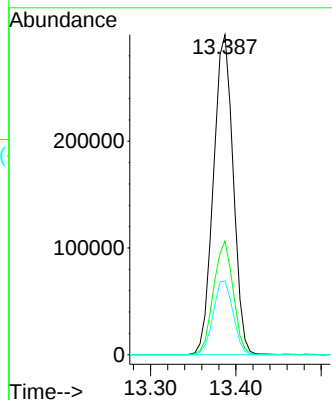
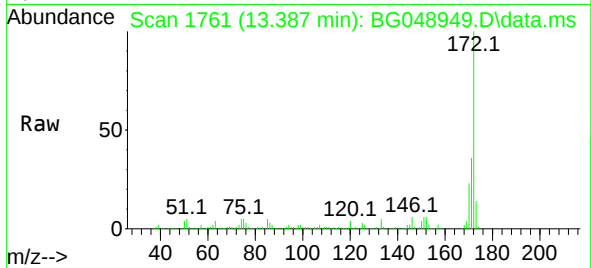




#45
2-Fluorobiphenyl
Concen: 62.823 ng
RT: 13.387 min Scan# 1761
Delta R.T. -0.005 min
Lab File: BG048949.D
Acq: 14 Jun 2021 14:43

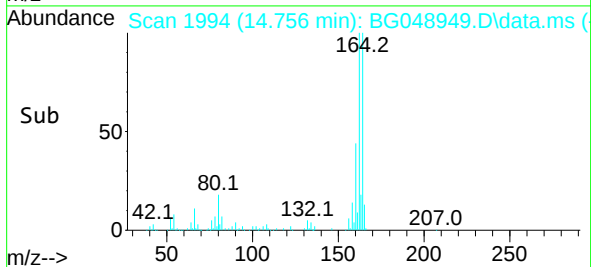
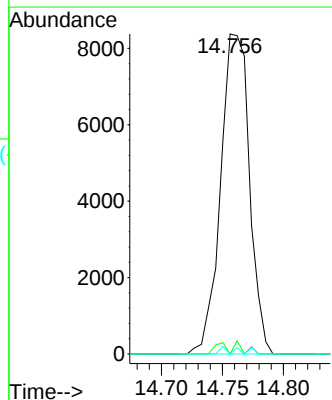
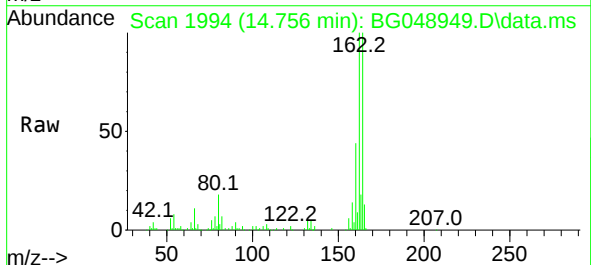
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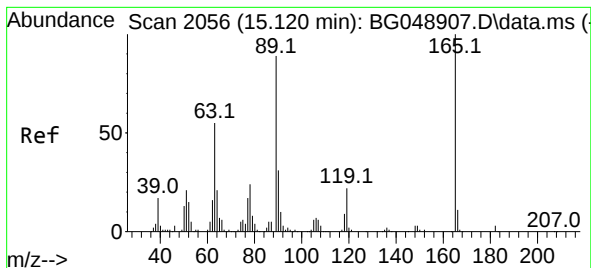
Tgt Ion:172 Resp: 482658
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.0 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.021 ng
RT: 14.756 min Scan# 1994
Delta R.T. 0.424 min
Lab File: BG048949.D
Acq: 14 Jun 2021 14:43

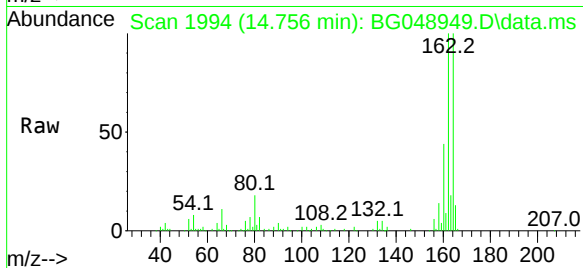
Tgt Ion:165 Resp: 13810
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



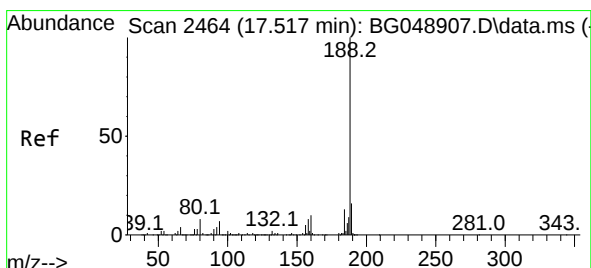
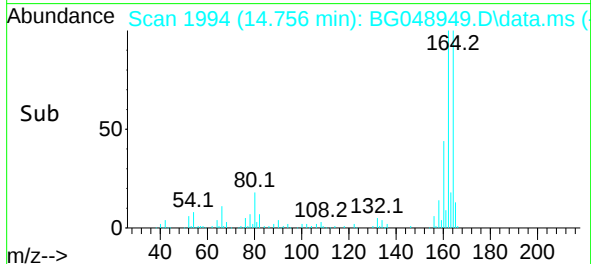
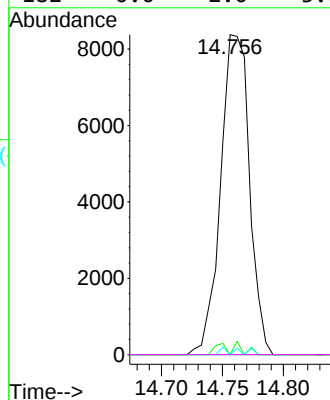


#57
2,4-Dinitrotoluene
Concen: 6.530 ng
RT: 14.756 min Scan# 1994
Delta R.T. -0.364 min
Lab File: BG048949.D
Acq: 14 Jun 2021 14:43

Instrument :
BNA_G
ClientSampleId :
0243-AMND-COMPOSITE-H

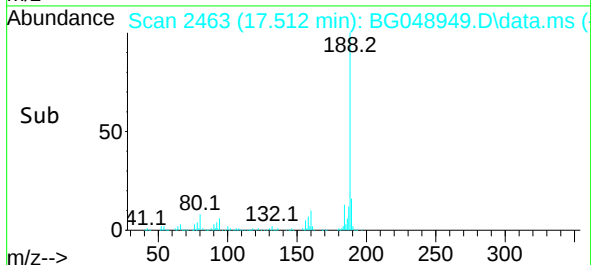
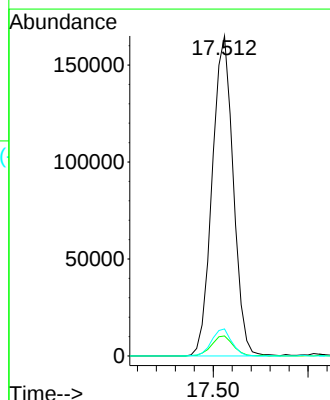
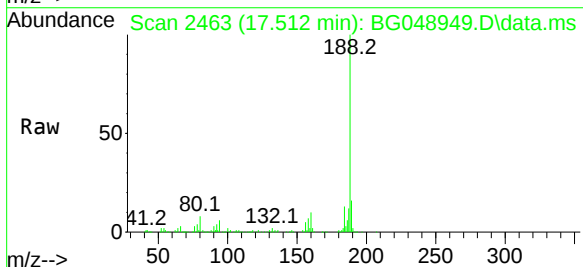


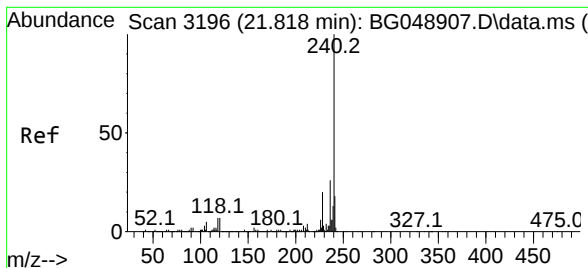
Tgt Ion:165 Resp: 13810
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.512 min Scan# 2463
Delta R.T. -0.005 min
Lab File: BG048949.D
Acq: 14 Jun 2021 14:43

Tgt Ion:188 Resp: 254192
Ion Ratio Lower Upper
188 100
94 6.3 5.4 8.0
80 8.5 3.7 5.5#

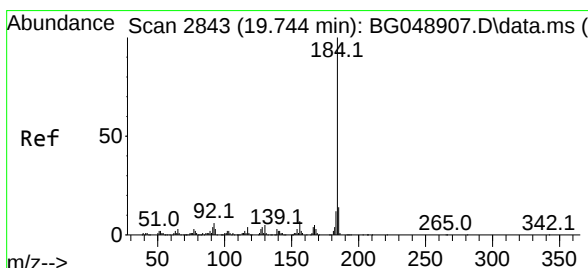
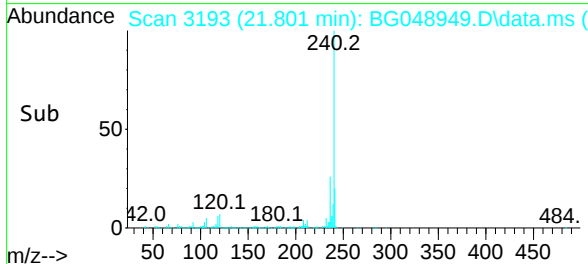
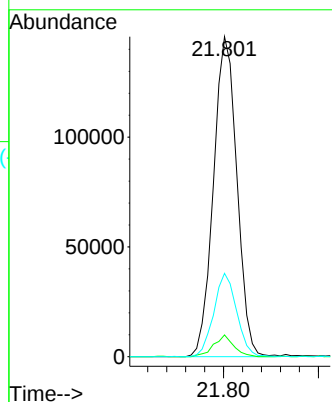
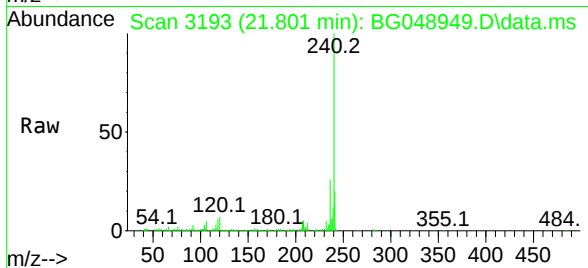




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.801 min Scan# 3193
Delta R.T. -0.017 min
Lab File: BG048949.D
Acq: 14 Jun 2021 14:43

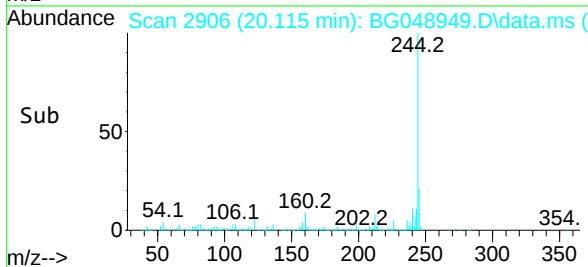
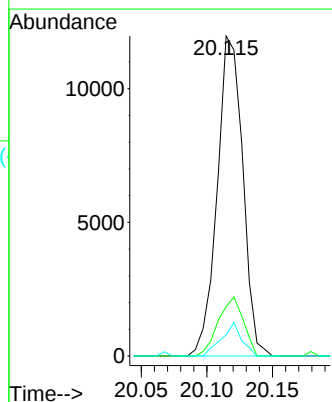
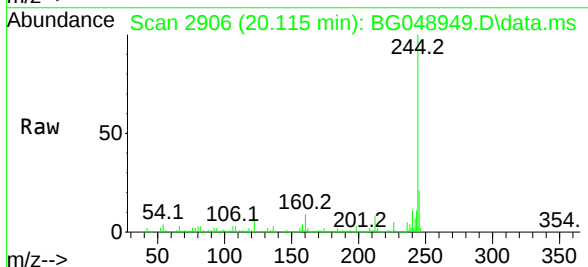
Instrument :
BNA_G
ClientSampleId :
0243-AMND-COMPOSITE-H

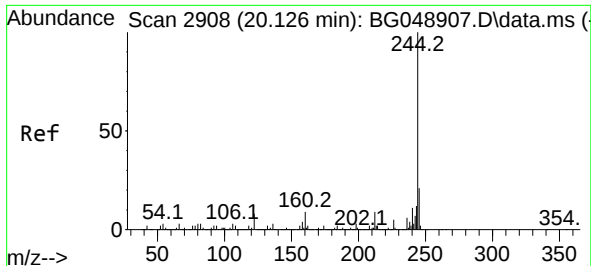
Tgt Ion:240 Resp: 250337
Ion Ratio Lower Upper
240 100
120 6.8 4.2 6.2#
236 26.1 21.8 32.6



#77
Benzidine
Concen: 3.211 ng
RT: 20.115 min Scan# 2906
Delta R.T. 0.371 min
Lab File: BG048949.D
Acq: 14 Jun 2021 14:43

Tgt Ion:184 Resp: 16192
Ion Ratio Lower Upper
184 100
185 15.4 10.7 16.1
183 6.6 9.4 14.0#

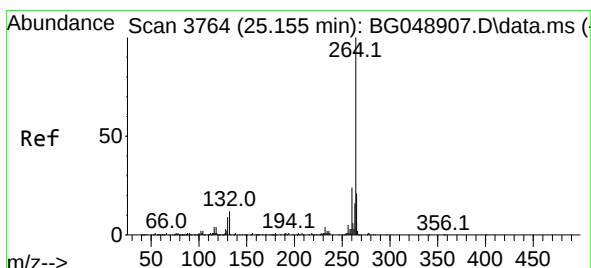
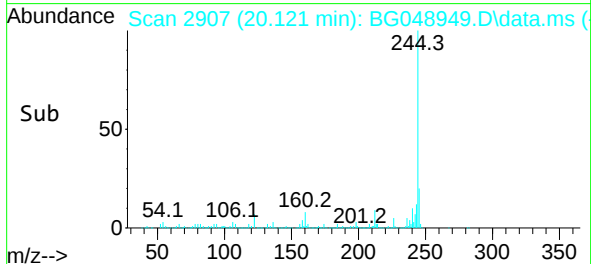
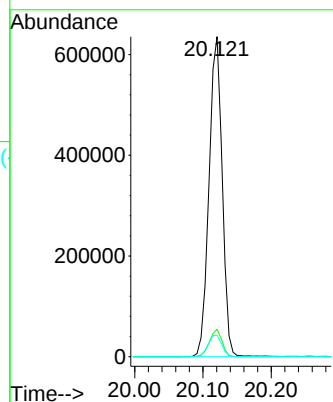
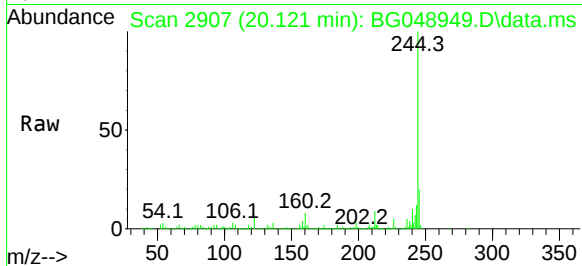




#79
 Terphenyl-d14
 Concen: 62.523 ng
 RT: 20.121 min Scan# 2907
 Delta R.T. -0.005 min
 Lab File: BG048949.D
 Acq: 14 Jun 2021 14:43

Instrument :
 BNA_G
 ClientSampleId :
 0243-AMND-COMPOSITE-H

Tgt Ion:244 Resp: 854633
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.9 10.3
 122 6.7 5.0 7.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.144 min Scan# 3762
 Delta R.T. -0.011 min
 Lab File: BG048949.D
 Acq: 14 Jun 2021 14:43

Tgt Ion:264 Resp: 258188
 Ion Ratio Lower Upper
 264 100
 260 21.9 19.4 29.2
 265 18.4 16.9 25.3

