

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061821\
 Data File : BG049024.D
 Acq On : 18 Jun 2021 17:54
 Operator : CG/JU
 Sample : M2709-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0344-AMND-COMP-O(CL-24)

Quant Time: Jun 18 18:33:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 16 12:04:50 2021
 Response via : Initial Calibration

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

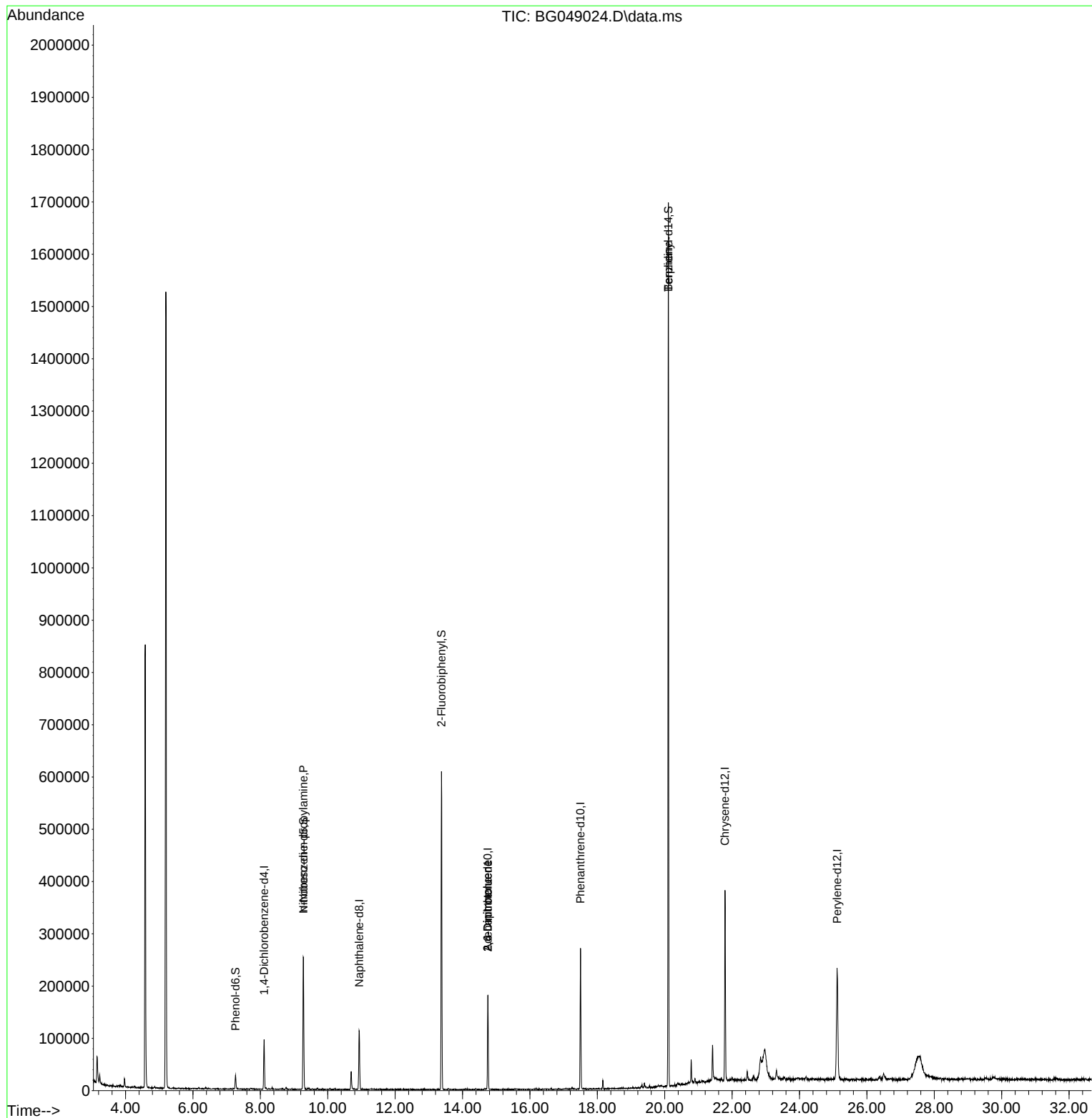
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.111	152	24115	20.000	ng	0.00
21) Naphthalene-d8	10.937	136	90677	20.000	ng	# 0.00
39) Acenaphthene-d10	14.750	164	66004	20.000	ng	0.00
64) Phenanthrene-d10	17.500	188	171982	20.000	ng	# 0.00
76) Chrysene-d12	21.789	240	222579	20.000	ng	0.00
86) Perylene-d12	25.114	264	235500	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.661	112	395	0.255	ng	0.00
7) Phenol-d6	7.265	99	13412	5.776	ng	0.00
23) Nitrobenzene-d5	9.280	82	151043	71.826	ng	0.00
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	13.375	172	310001	66.349	ng	0.00
79) Terphenyl-d14	20.108	244	773323	63.630	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.274	70	22204	12.234	ng	# 76
51) 2,6-Dinitrotoluene	14.750	165	9373	8.952	ng	# 10
57) 2,4-Dinitrotoluene	14.750	165	9373	7.288	ng	# 15
77) Benzidine	20.108	184	14407	3.213	ng	# 90

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

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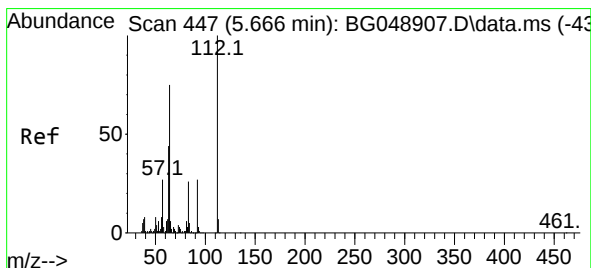
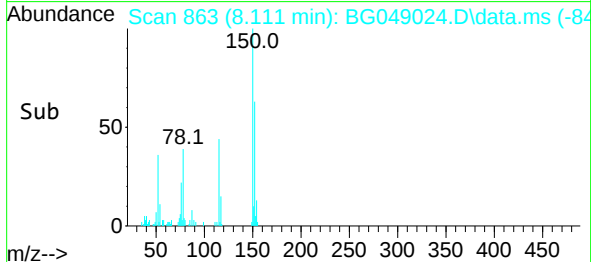
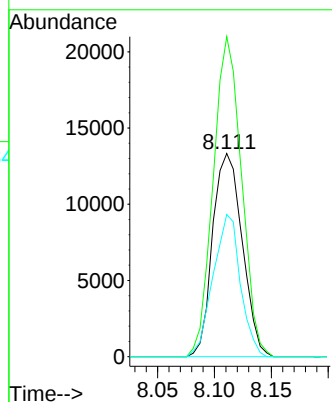
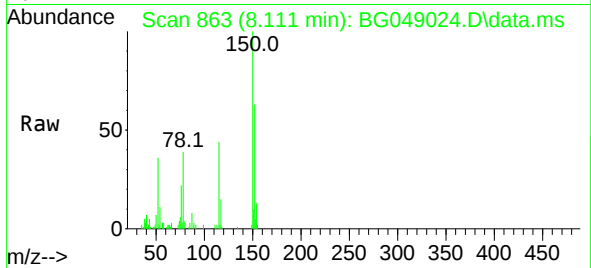




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.111 min Scan# 863
Delta R.T. -0.003 min
Lab File: BG049024.D
Acq: 18 Jun 2021 17:54

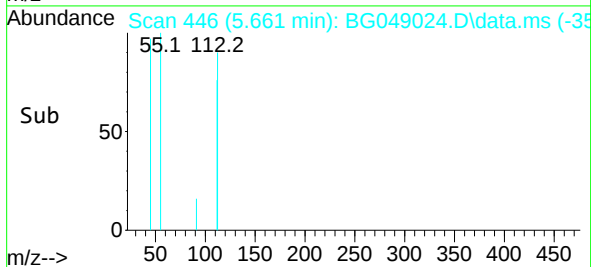
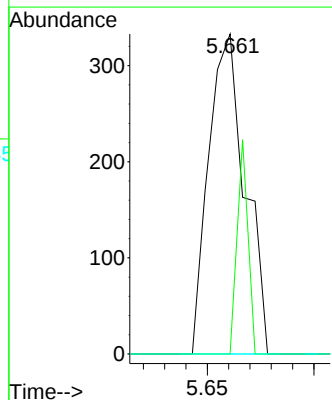
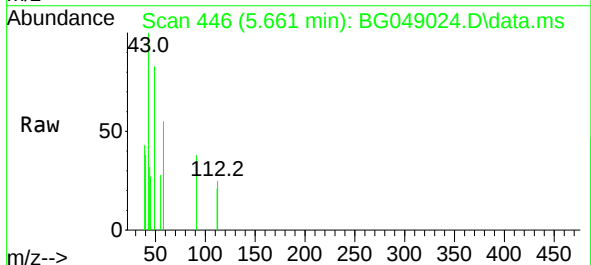
Instrument :
BNA_G
ClientSampleId :
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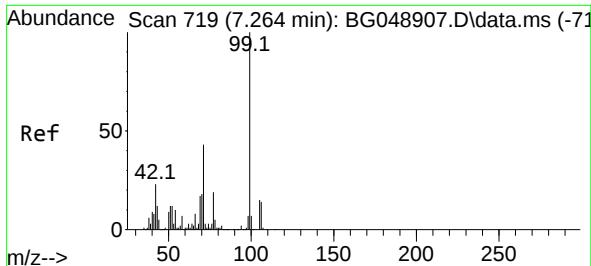
Tgt Ion:152 Resp: 24115
Ion Ratio Lower Upper
152 100
150 157.5 119.4 179.0
115 70.0 60.2 90.4



#5
2-Fluorophenol
Concen: 0.255 ng
RT: 5.661 min Scan# 446
Delta R.T. -0.003 min
Lab File: BG049024.D
Acq: 18 Jun 2021 17:54

Tgt Ion:112 Resp: 395
Ion Ratio Lower Upper
112 100
64 0.0 46.7 70.1#
63 0.0 35.3 52.9#

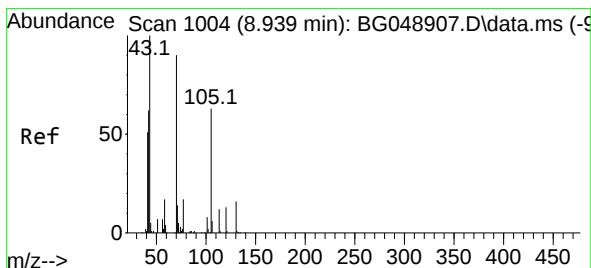
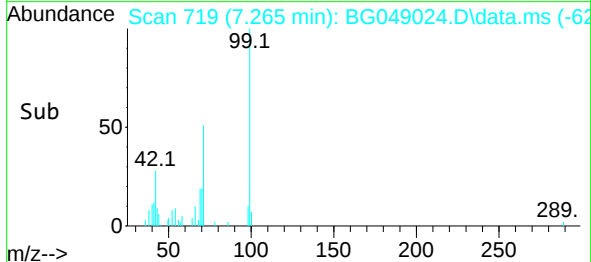
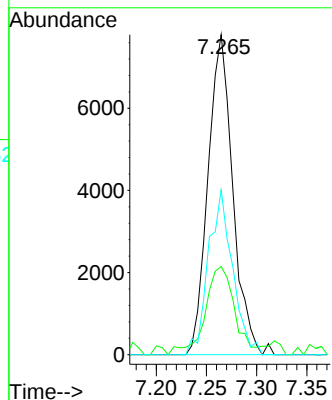
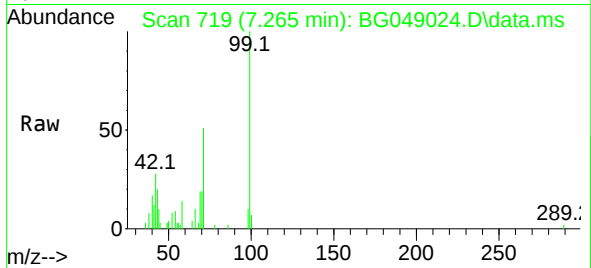




#7
Phenol-d6
Concen: 5.776 ng
RT: 7.265 min Scan# 719
Delta R.T. -0.003 min
Lab File: BG049024.D
Acq: 18 Jun 2021 17:54

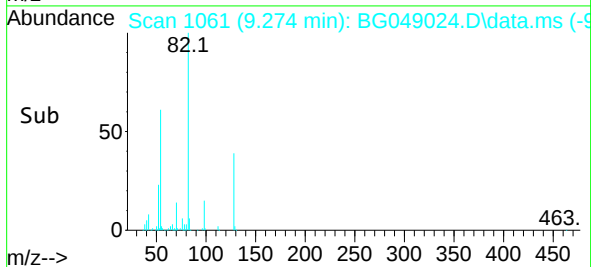
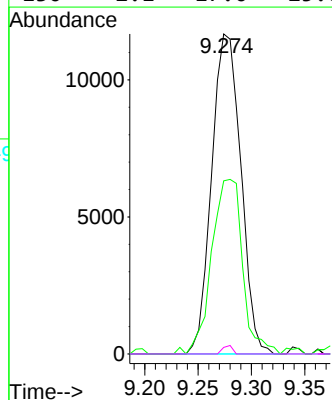
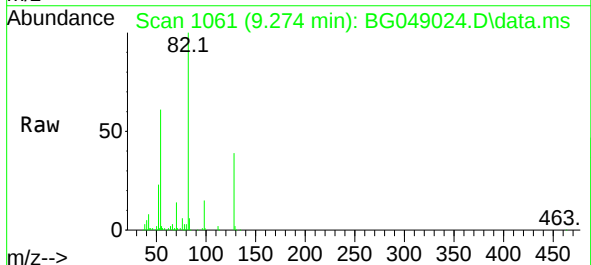
Instrument :
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ClientSampleId :
0344-AMND-COMP-O(CL-24)

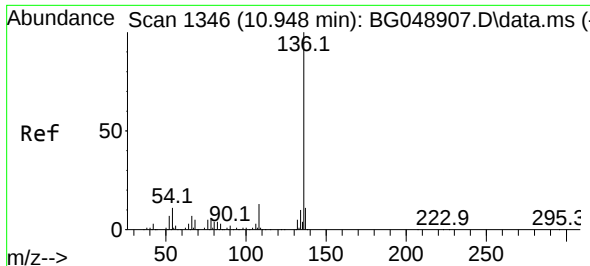
Tgt Ion:	99	Resp:	13412
Ion	Ratio	Lower	Upper
99	100		
42	27.6	20.5	30.7
71	51.5	41.5	62.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.234 ng
RT: 9.274 min Scan# 1061
Delta R.T. 0.350 min
Lab File: BG049024.D
Acq: 18 Jun 2021 17:54

Tgt Ion:	70	Resp:	22204
Ion	Ratio	Lower	Upper
70	100		
42	54.1	54.5	81.7#
101	0.0	9.0	13.6#
130	2.1	17.0	25.6#

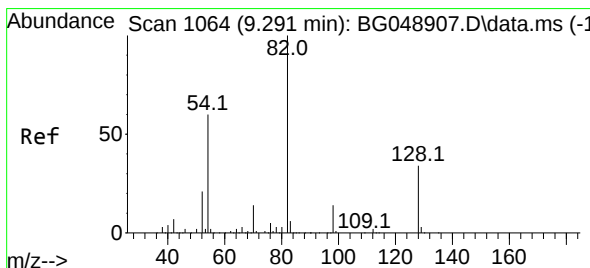
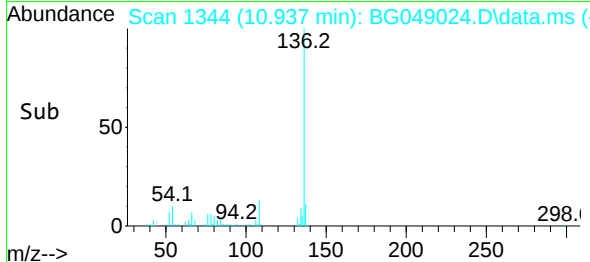
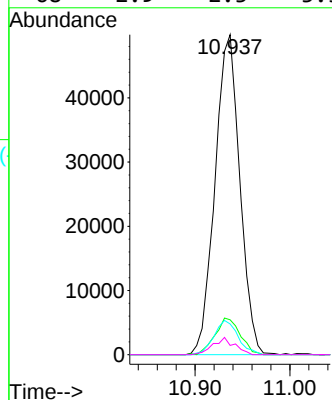
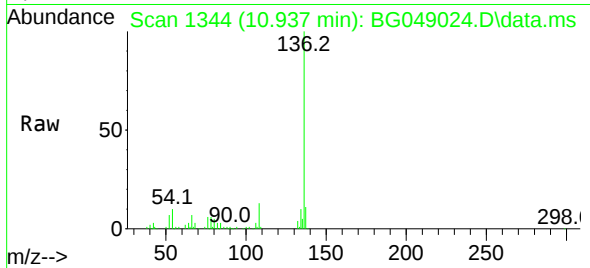




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.937 min Scan# 1344
Delta R.T. -0.003 min
Lab File: BG049024.D
Acq: 18 Jun 2021 17:54

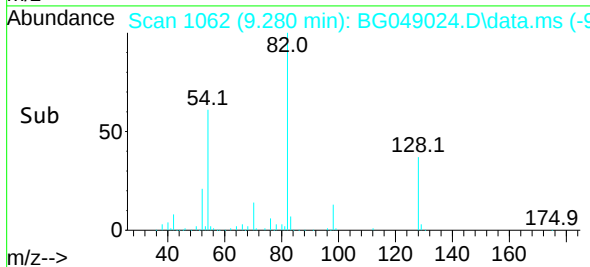
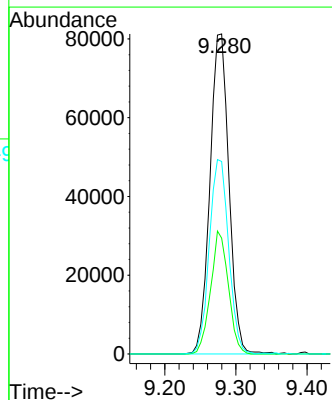
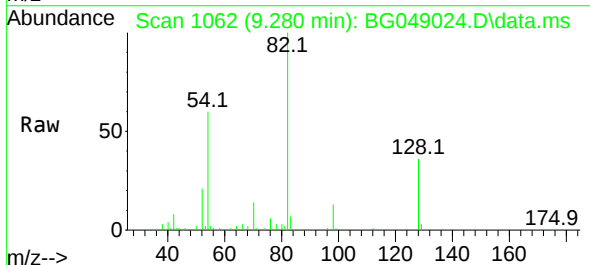
Instrument :
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0344-AMND-COMP-O(CL-24)

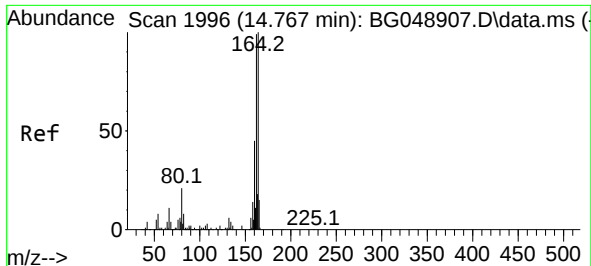
Tgt Ion:	136	Resp:	90677
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.2	12.2
54	9.6	5.5	8.3#
68	2.9	2.3	3.5



#23
Nitrobenzene-d5
Concen: 71.826 ng
RT: 9.280 min Scan# 1062
Delta R.T. -0.003 min
Lab File: BG049024.D
Acq: 18 Jun 2021 17:54

Tgt Ion:	82	Resp:	151043
Ion Ratio	Lower	Upper	
82	100		
128	36.2	29.8	44.6
54	60.2	45.8	68.8

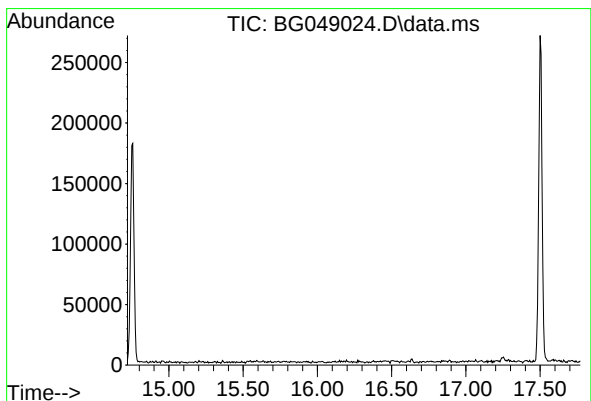
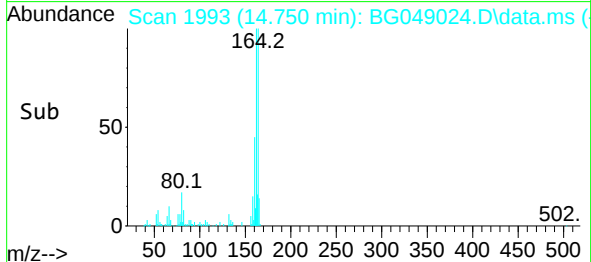
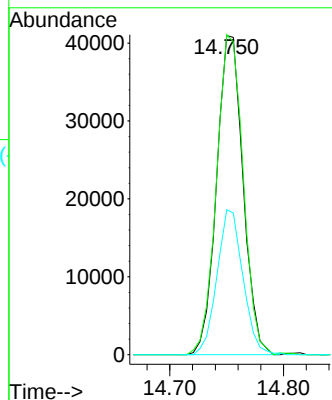
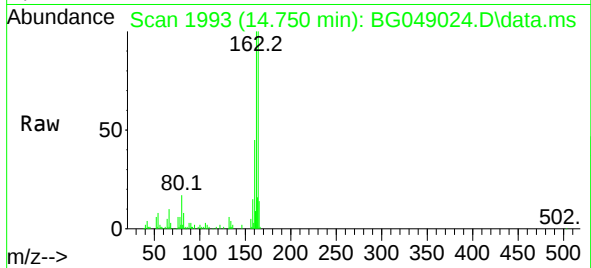




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.750 min Scan# 1993
Delta R.T. -0.009 min
Lab File: BG049024.D
Acq: 18 Jun 2021 17:54

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ClientSampleId :
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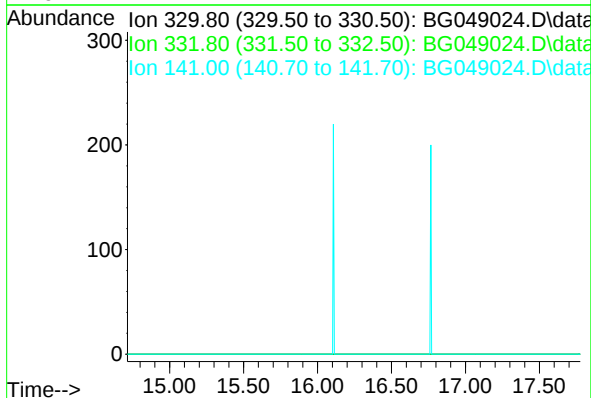
Tgt Ion:164 Resp: 66004
Ion Ratio Lower Upper
164 100
162 100.2 81.4 122.0
160 45.4 34.9 52.3

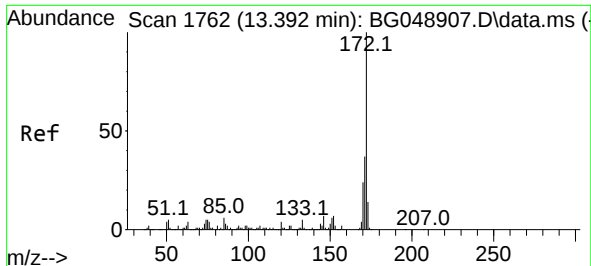


#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 16.25 min

Lab File: BG049024.D
Acq: 18 Jun 2021 17:54

Tgt Ion: 330
Sig Exp Ratio
330 100
332 96.6
141 44.5

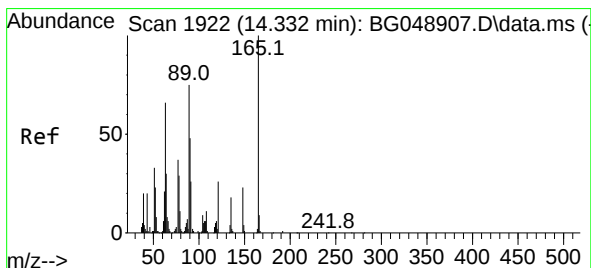
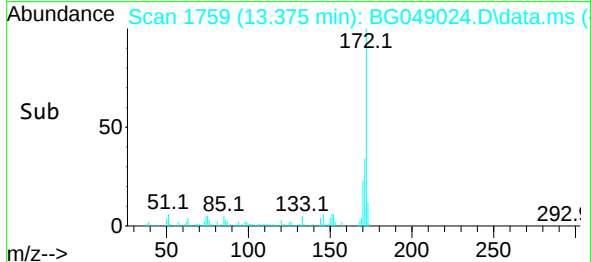
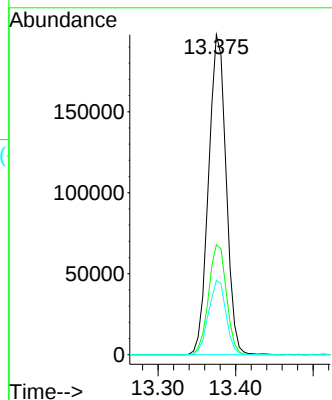
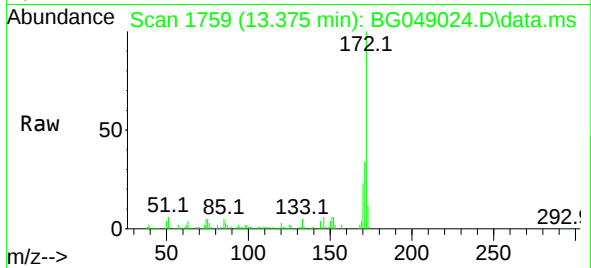




#45
2-Fluorobiphenyl
Concen: 66.349 ng
RT: 13.375 min Scan# 1759
Delta R.T. -0.009 min
Lab File: BG049024.D
Acq: 18 Jun 2021 17:54

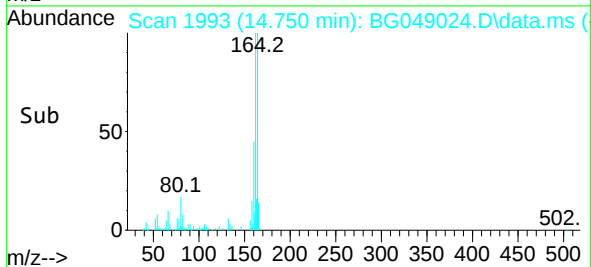
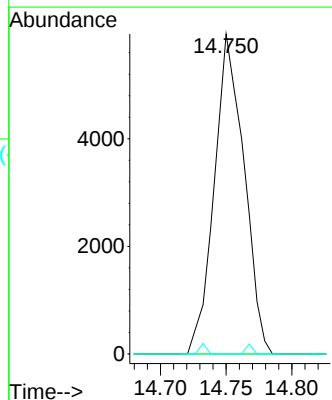
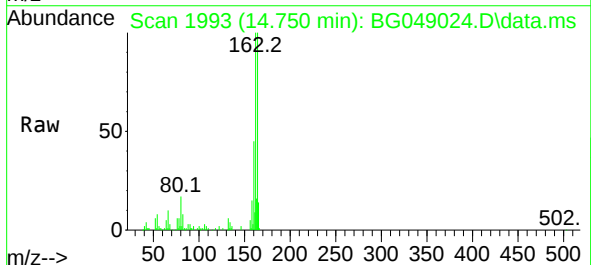
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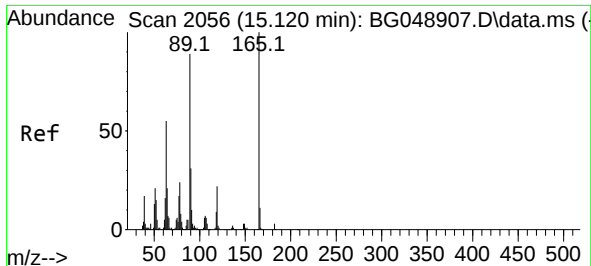
Tgt Ion:172 Resp: 310001
Ion Ratio Lower Upper
172 100
171 34.3 28.6 43.0
170 23.2 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.952 ng
RT: 14.750 min Scan# 1993
Delta R.T. 0.426 min
Lab File: BG049024.D
Acq: 18 Jun 2021 17:54

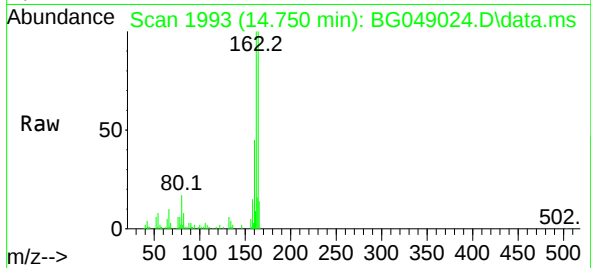
Tgt Ion:165 Resp: 9373
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



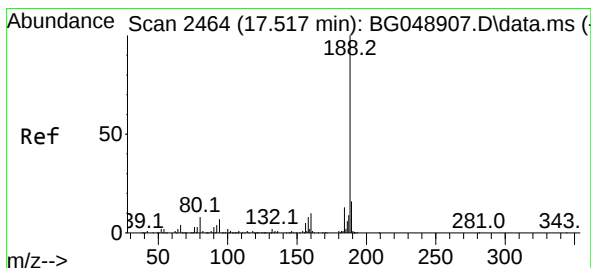
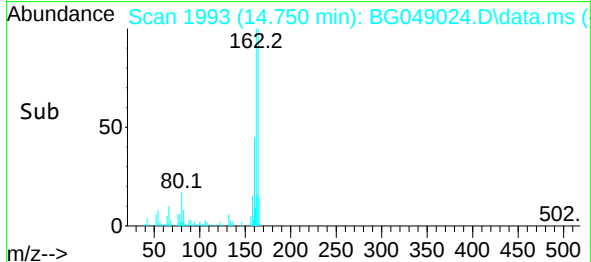
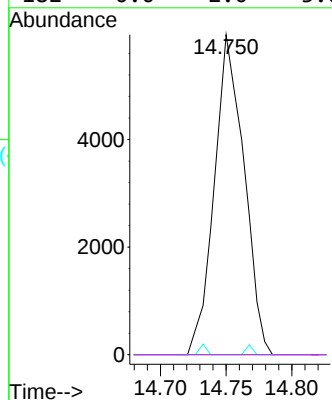


#57
2,4-Dinitrotoluene
Concen: 7.288 ng
RT: 14.750 min Scan# 1993
Delta R.T. -0.361 min
Lab File: BG049024.D
Acq: 18 Jun 2021 17:54

Instrument :
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ClientSampleId :
0344-AMND-COMP-O(CL-24)

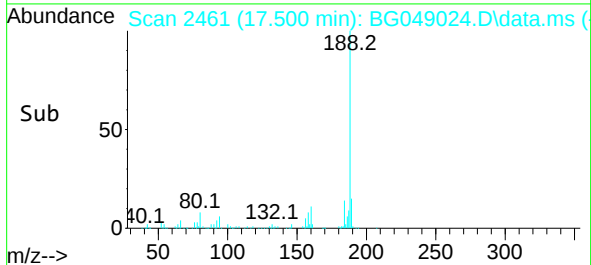
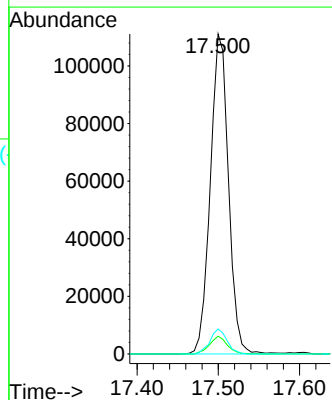
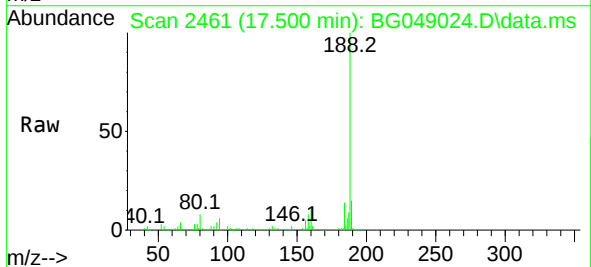


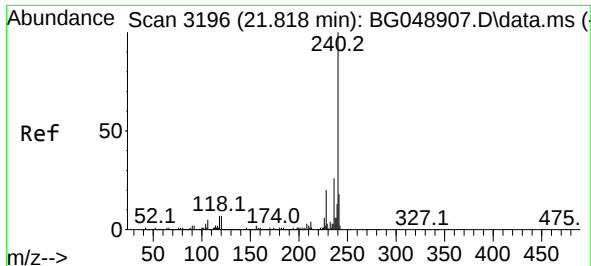
Tgt Ion:165 Resp: 9373
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.500 min Scan# 2461
Delta R.T. -0.009 min
Lab File: BG049024.D
Acq: 18 Jun 2021 17:54

Tgt Ion:188 Resp: 171982
Ion Ratio Lower Upper
188 100
94 5.6 5.4 8.0
80 7.8 3.7 5.5#

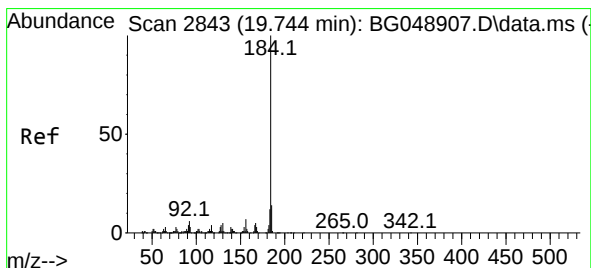
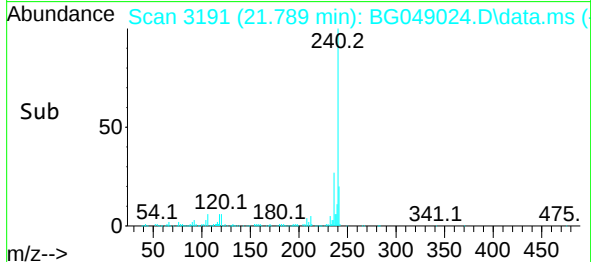
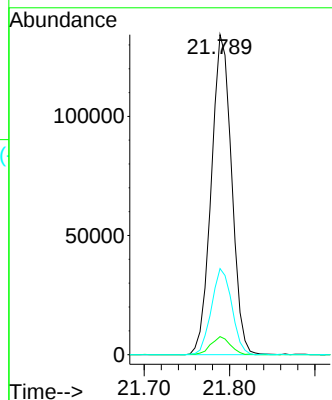
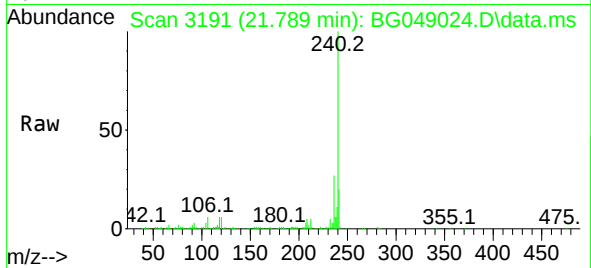




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.789 min Scan# 3191
Delta R.T. -0.009 min
Lab File: BG049024.D
Acq: 18 Jun 2021 17:54

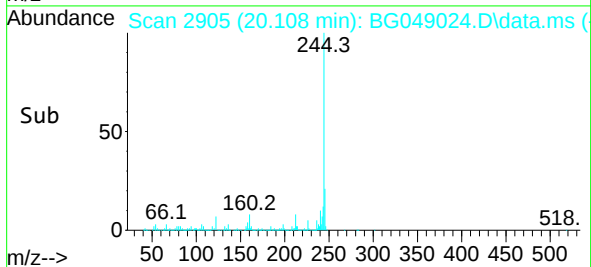
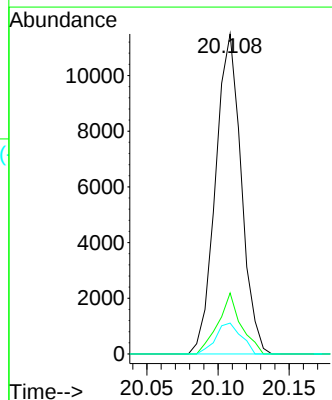
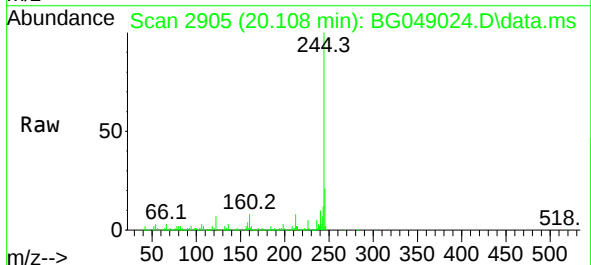
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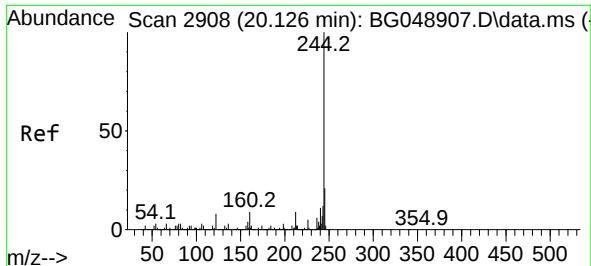
Tgt Ion:240 Resp: 222579
Ion Ratio Lower Upper
240 100
120 5.7 4.2 6.2
236 26.9 21.8 32.6



#77
Benzidine
Concen: 3.213 ng
RT: 20.108 min Scan# 2905
Delta R.T. 0.379 min
Lab File: BG049024.D
Acq: 18 Jun 2021 17:54

Tgt Ion:184 Resp: 14407
Ion Ratio Lower Upper
184 100
185 19.1 10.7 16.1#
183 9.7 9.4 14.0

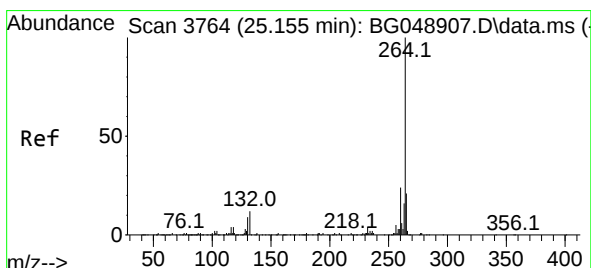
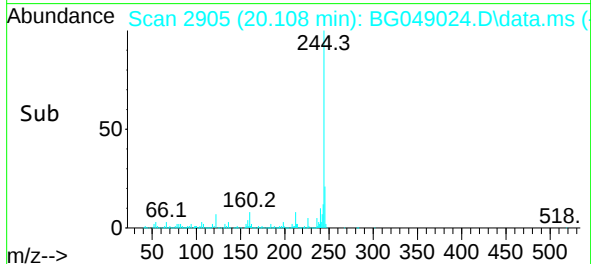
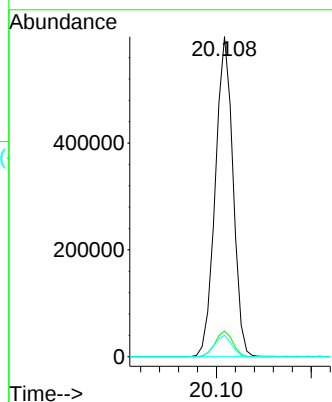
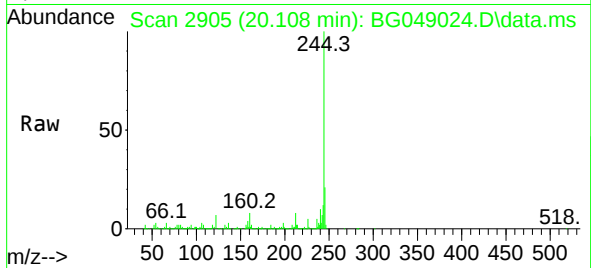




#79
Terphenyl-d14
Concen: 63.630 ng
RT: 20.108 min Scan# 2905
Delta R.T. -0.003 min
Lab File: BG049024.D
Acq: 18 Jun 2021 17:54

Instrument :
BNA_G
ClientSampleId :
0344-AMND-COMP-O(CL-24)

Tgt Ion:244 Resp: 773323
Ion Ratio Lower Upper
244 100
212 8.0 6.9 10.3
122 6.6 5.0 7.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.114 min Scan# 3757
Delta R.T. -0.015 min
Lab File: BG049024.D
Acq: 18 Jun 2021 17:54

Tgt Ion:264 Resp: 235500
Ion Ratio Lower Upper
264 100
260 21.5 19.4 29.2
265 20.2 16.9 25.3

