

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100621\
 Data File : BG050476.D
 Acq On : 6 Oct 2021 20:32
 Operator : CG/JU
 Sample : M4087-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-20211005-ROCK

Quant Time: Oct 07 02:21:11 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 15:51:01 2021
 Response via : Initial Calibration

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

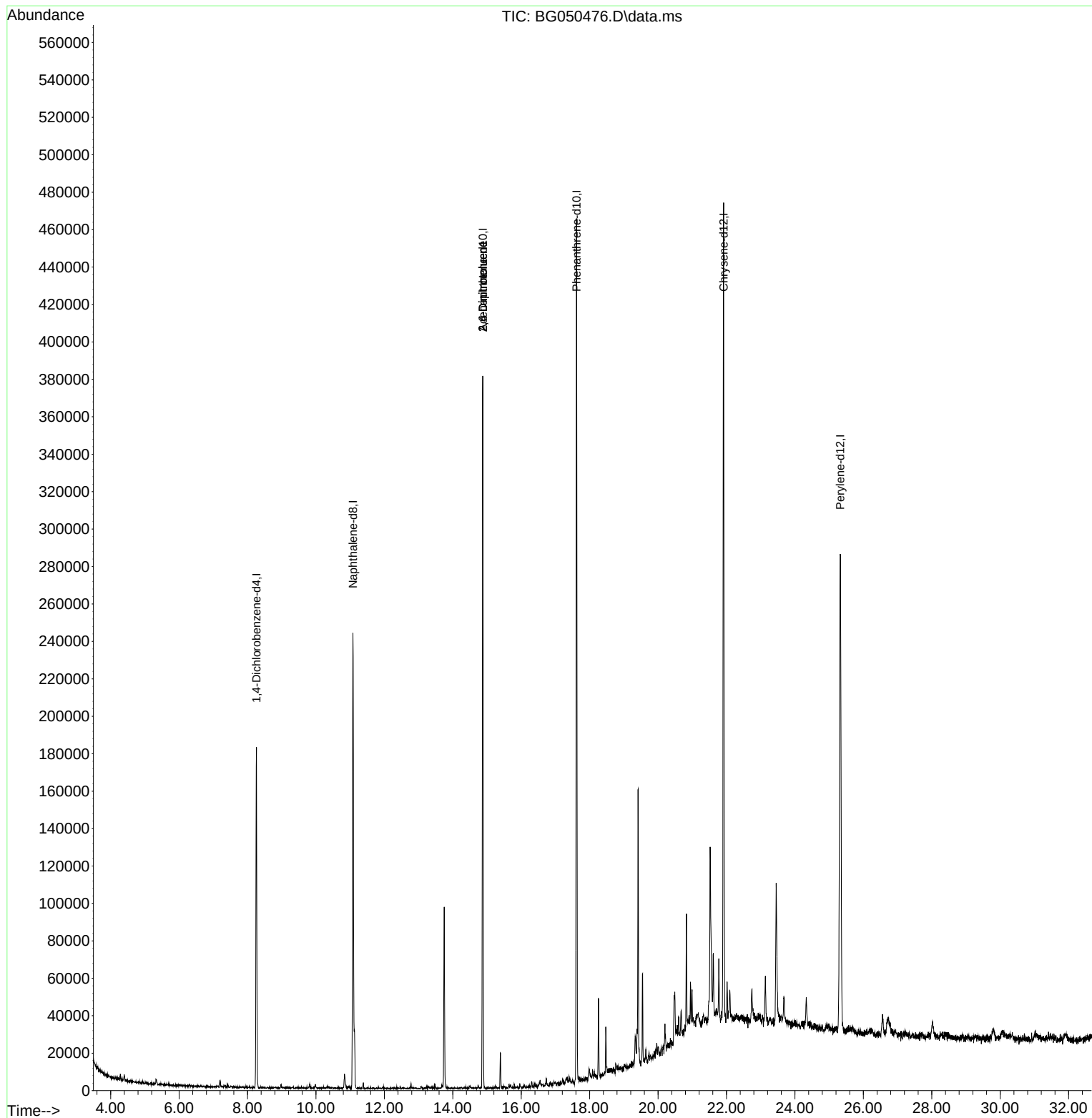
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.261	152	48564	20.000	ng	0.00
21) Naphthalene-d8	11.081	136	201392	20.000	ng	# 0.00
39) Acenaphthene-d10	14.876	164	130554	20.000	ng	0.00
64) Phenanthrene-d10	17.620	188	287699	20.000	ng	# 0.00
76) Chrysene-d12	21.915	240	261391	20.000	ng	# 0.00
86) Perylene-d12	25.323	264	268060	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.000	ng	
7) Phenol-d6	7.579	99	57	0.012	ng	0.19
23) Nitrobenzene-d5	0.000	82	0	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0	0.000	ng	
79) Terphenyl-d14	20.200	244	132	0.010	ng	0.00
Target Compounds						
						Qvalue
51) 2,6-Dinitrotoluene	14.876	165	17525	8.867	ng	# 11
57) 2,4-Dinitrotoluene	14.876	165	17525	6.290	ng	# 16

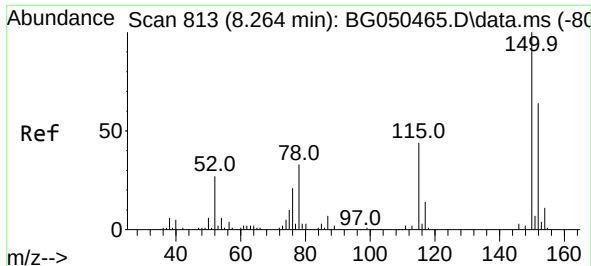
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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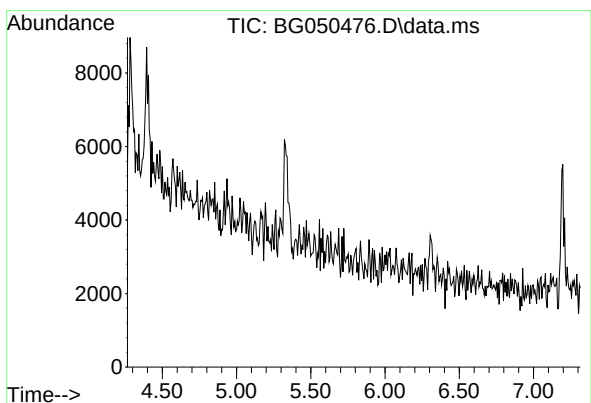
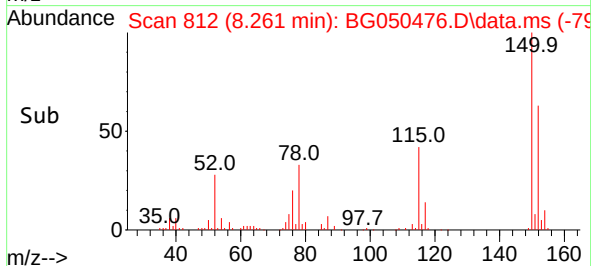
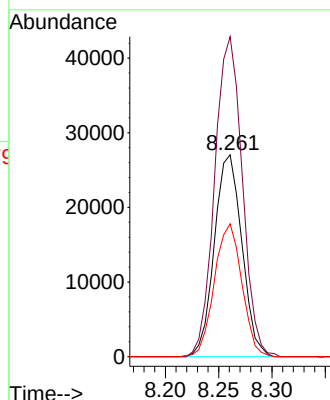
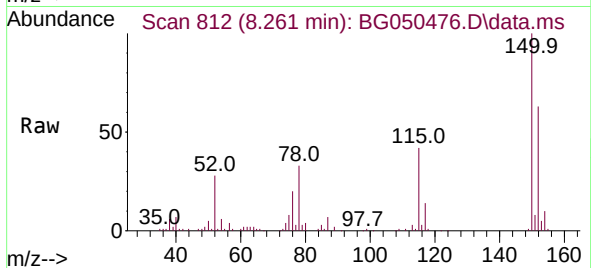




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.261 min Scan# 812
Delta R.T. -0.003 min
Lab File: BG050476.D
Acq: 6 Oct 2021 20:32

Instrument :
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ClientSampleId :
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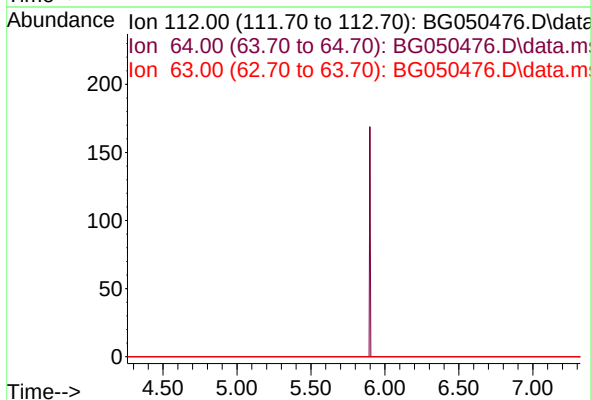
Tgt Ion:152 Resp: 48564
Ion Ratio Lower Upper
152 100
150 158.5 119.4 179.0
115 65.8 60.2 90.4

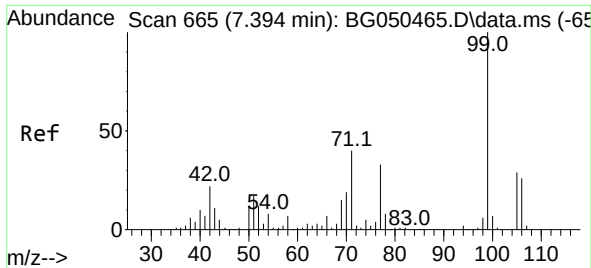


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.79 min

Lab File: BG050476.D
Acq: 6 Oct 2021 20:32

Tgt Ion: 112
Sig Exp Ratio
112 100
64 58.4
63 44.1

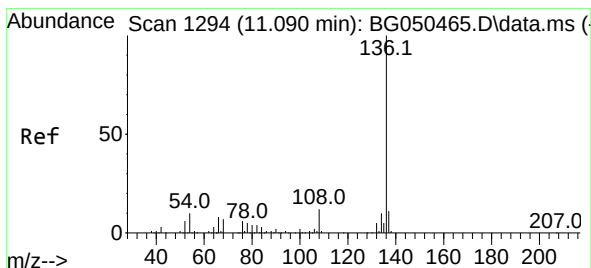
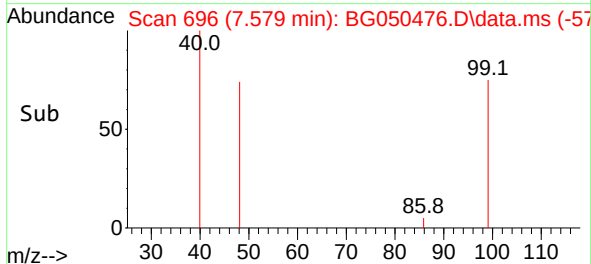
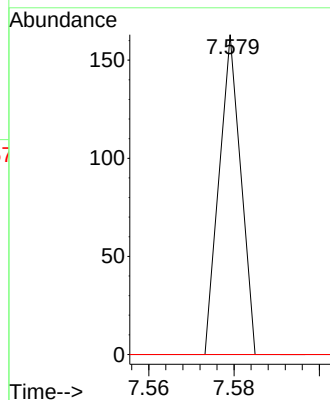
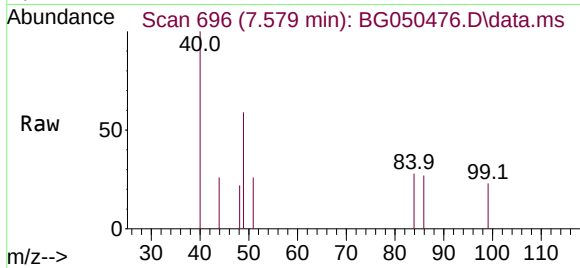




#7
Phenol-d6
Concen: 0.012 ng
RT: 7.579 min Scan# 696
Delta R.T. 0.185 min
Lab File: BG050476.D
Acq: 6 Oct 2021 20:32

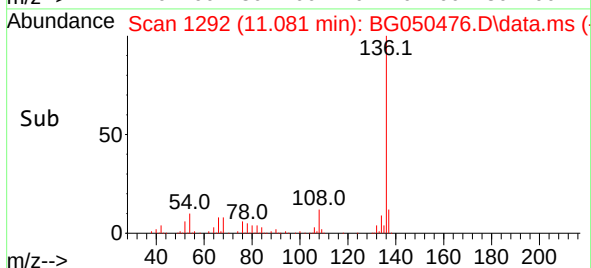
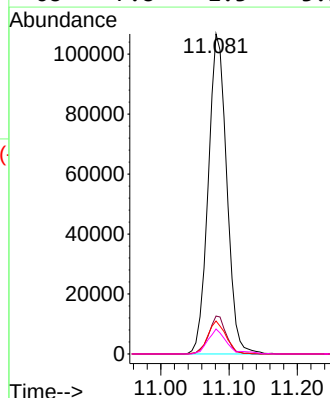
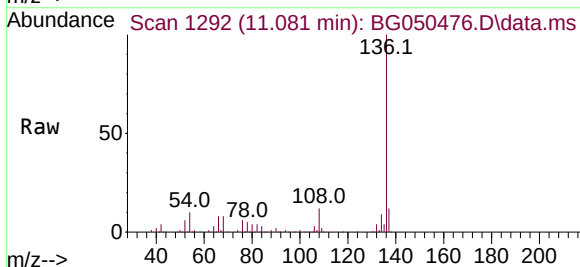
Instrument :
BNA_G
ClientSampleId :
WC-20211005-ROCK

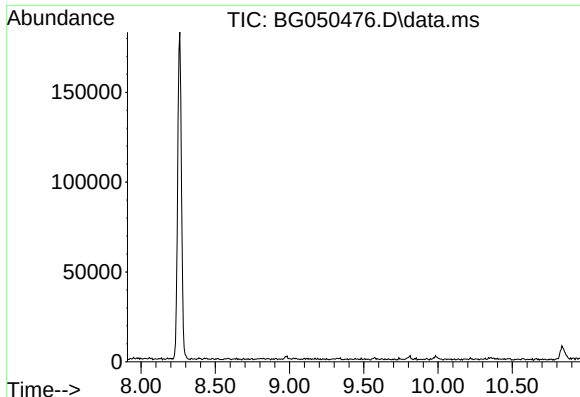
Tgt Ion:	99	Resp:	57
Ion	Ratio	Lower	Upper
99	100		
42	0.0	20.5	30.7#
71	0.0	41.5	62.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.081 min Scan# 1292
Delta R.T. -0.009 min
Lab File: BG050476.D
Acq: 6 Oct 2021 20:32

Tgt Ion:	136	Resp:	201392
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.2	12.2
54	10.3	5.5	8.3#
68	7.8	2.3	3.5#



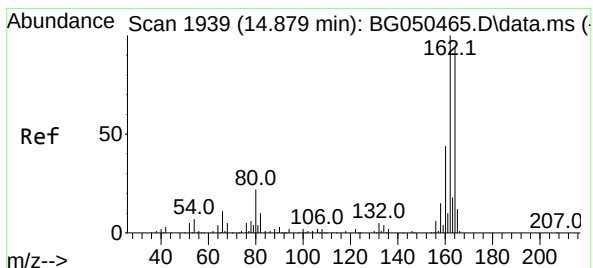
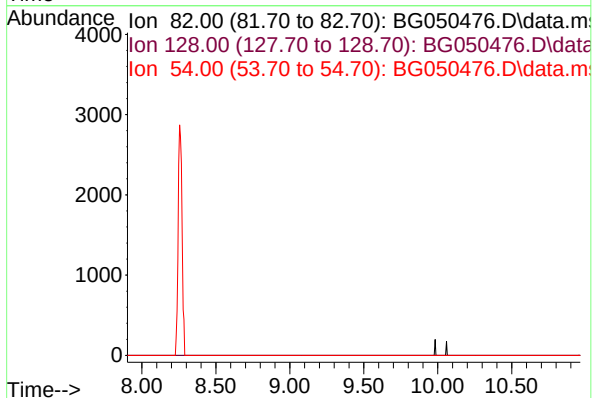


#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 9.43 min
 Lab File: BG050476.D
 Acq: 6 Oct 2021 20:32

Instrument :
 BNA_G
 ClientSampleId :
 WC-20211005-ROCK

Tgt Ion: 82

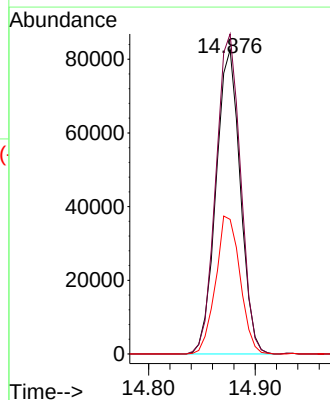
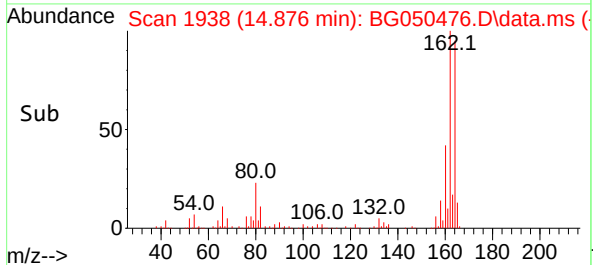
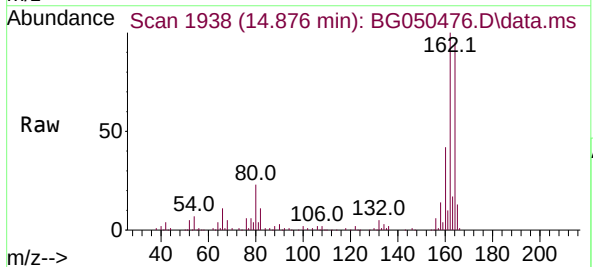
Sig	Exp Ratio
82	100
128	37.2
54	57.3

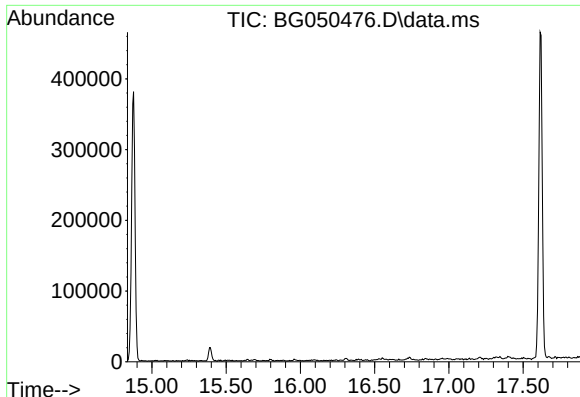


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.876 min Scan# 1938
 Delta R.T. -0.003 min
 Lab File: BG050476.D
 Acq: 6 Oct 2021 20:32

Tgt Ion: 164 Resp: 130554

Ion	Ratio	Lower	Upper
164	100		
162	105.1	81.4	122.0
160	44.2	34.9	52.3



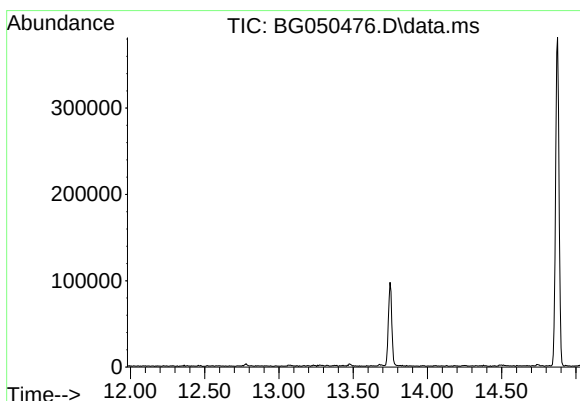
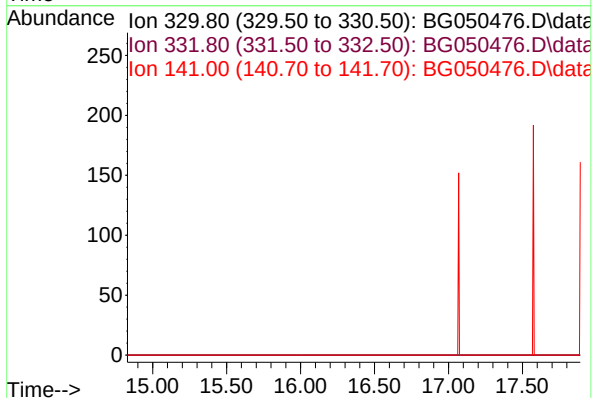


#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 16.36 min

Lab File: BG050476.D
Acq: 6 Oct 2021 20:32

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

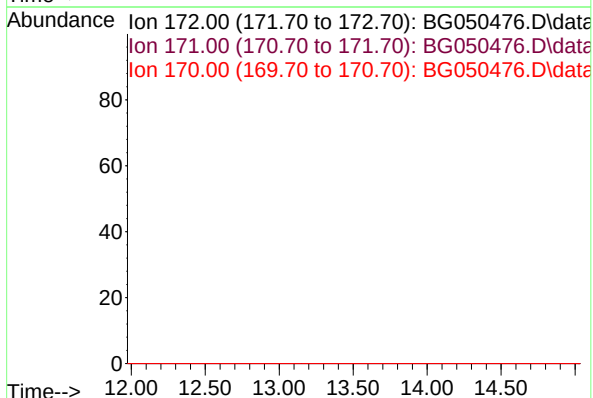
Instrument :
BNA_G
ClientSampleId :
WC-20211005-ROCK

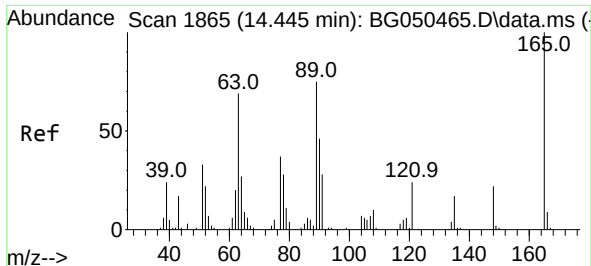


#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.50 min

Lab File: BG050476.D
Acq: 6 Oct 2021 20:32

Tgt Ion: 172
Sig Exp Ratio
172 100
171 35.8
170 23.2

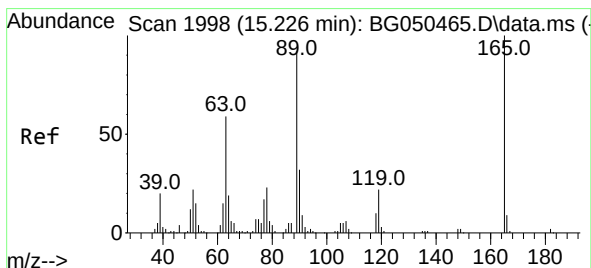
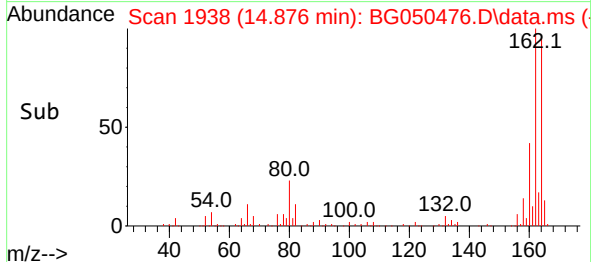
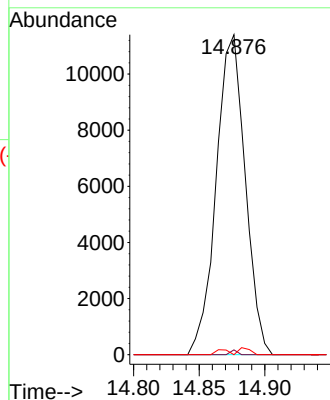
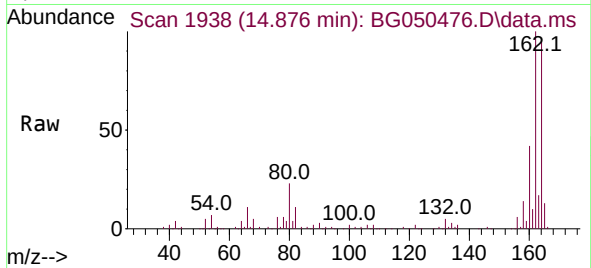




#51
2,6-Dinitrotoluene
Concen: 8.867 ng
RT: 14.876 min Scan# 1938
Delta R.T. 0.432 min
Lab File: BG050476.D
Acq: 6 Oct 2021 20:32

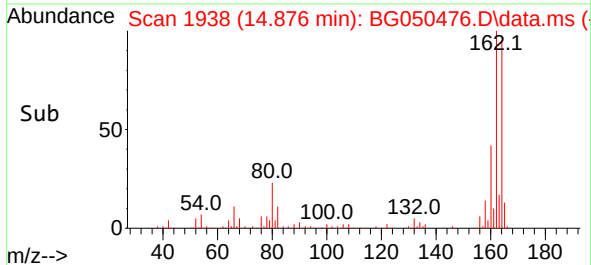
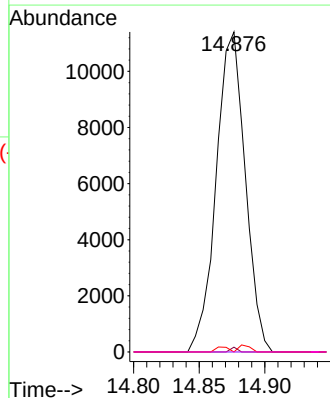
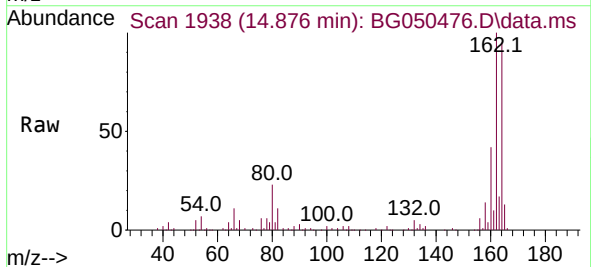
Instrument :
BNA_G
ClientSampleId :
WC-20211005-ROCK

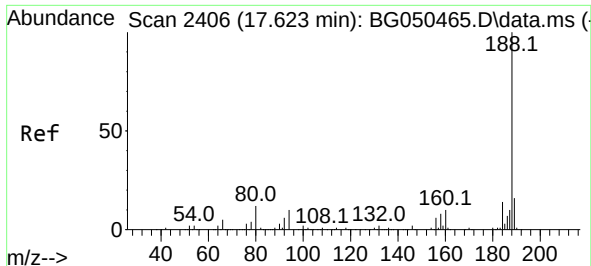
Tgt Ion:165 Resp: 17525
Ion Ratio Lower Upper
165 100
63 1.5 63.3 94.9#
89 0.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.290 ng
RT: 14.876 min Scan# 1938
Delta R.T. -0.350 min
Lab File: BG050476.D
Acq: 6 Oct 2021 20:32

Tgt Ion:165 Resp: 17525
Ion Ratio Lower Upper
165 100
63 1.5 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#

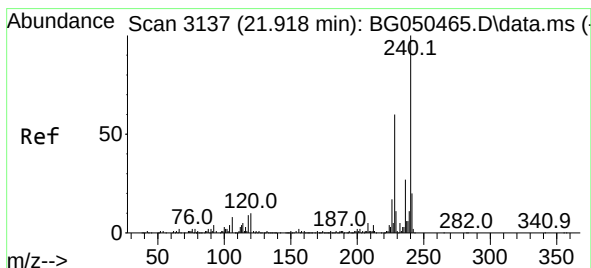
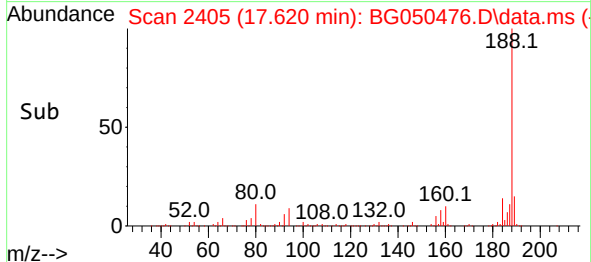
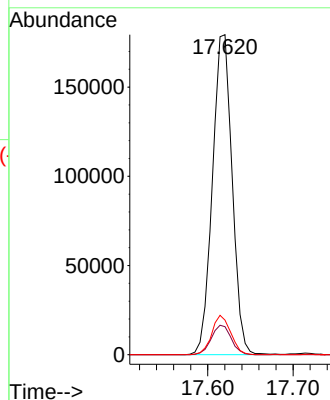
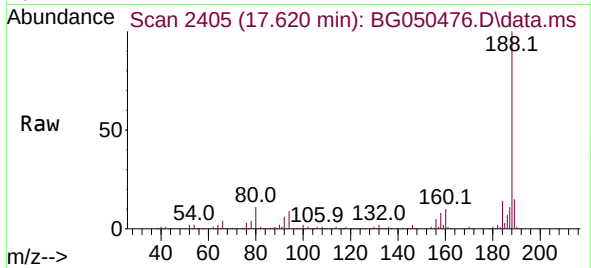




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.620 min Scan# 2405
Delta R.T. -0.003 min
Lab File: BG050476.D
Acq: 6 Oct 2021 20:32

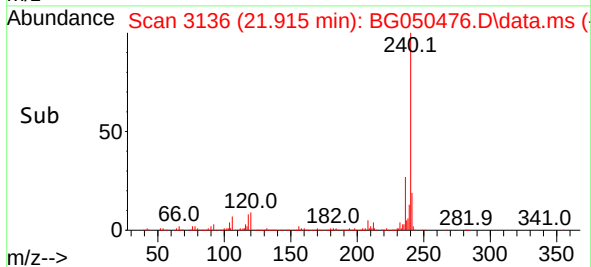
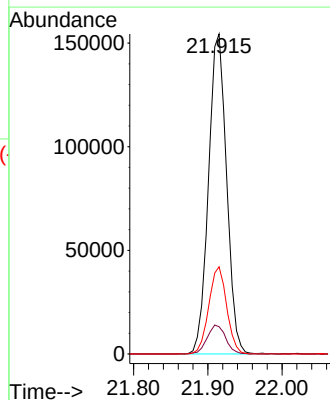
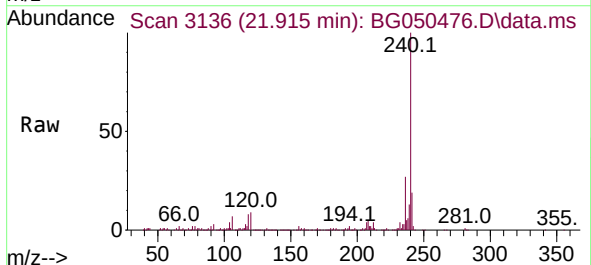
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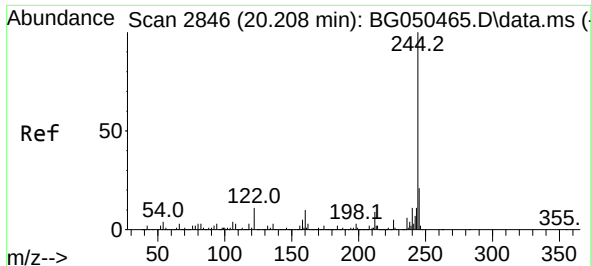
Tgt Ion:188 Resp: 287699
Ion Ratio Lower Upper
188 100
94 8.8 5.4 8.0#
80 10.8 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.915 min Scan# 3136
Delta R.T. -0.003 min
Lab File: BG050476.D
Acq: 6 Oct 2021 20:32

Tgt Ion:240 Resp: 261391
Ion Ratio Lower Upper
240 100
120 8.5 4.2 6.2#
236 27.2 21.8 32.6

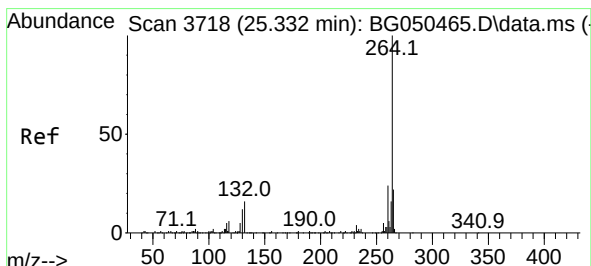
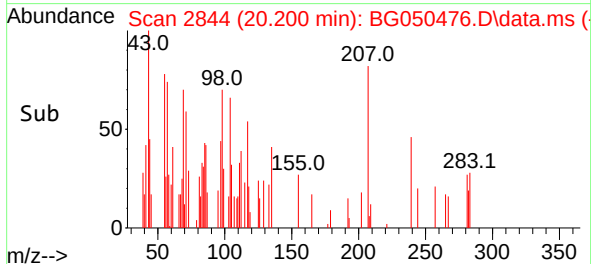
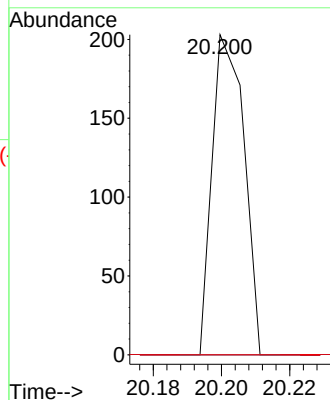
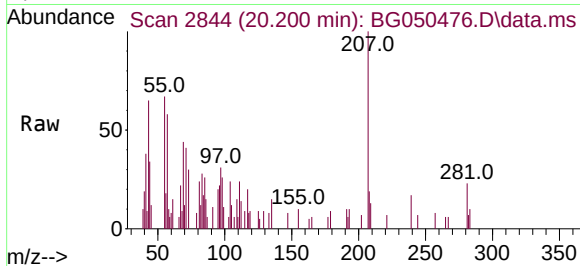




#79
 Terphenyl-d14
 Concen: 0.010 ng
 RT: 20.200 min Scan# 2844
 Delta R.T. -0.009 min
 Lab File: BG050476.D
 Acq: 6 Oct 2021 20:32

Instrument :
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Tgt Ion:244	Resp:	132
Ion Ratio	Lower	Upper
244	100	
212	0.0	6.9 10.3#
122	0.0	5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.323 min Scan# 3716
 Delta R.T. -0.009 min
 Lab File: BG050476.D
 Acq: 6 Oct 2021 20:32

Tgt Ion:264	Resp:	268060
Ion Ratio	Lower	Upper
264	100	
260	24.1	19.4 29.2
265	21.5	16.9 25.3

