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 Data File : BG061209.D
 Acq On : 15 May 2024 17:02
 Operator : MA/JU
 Sample : P2470-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WCS-TPG

Quant Time: May 15 17:43:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration

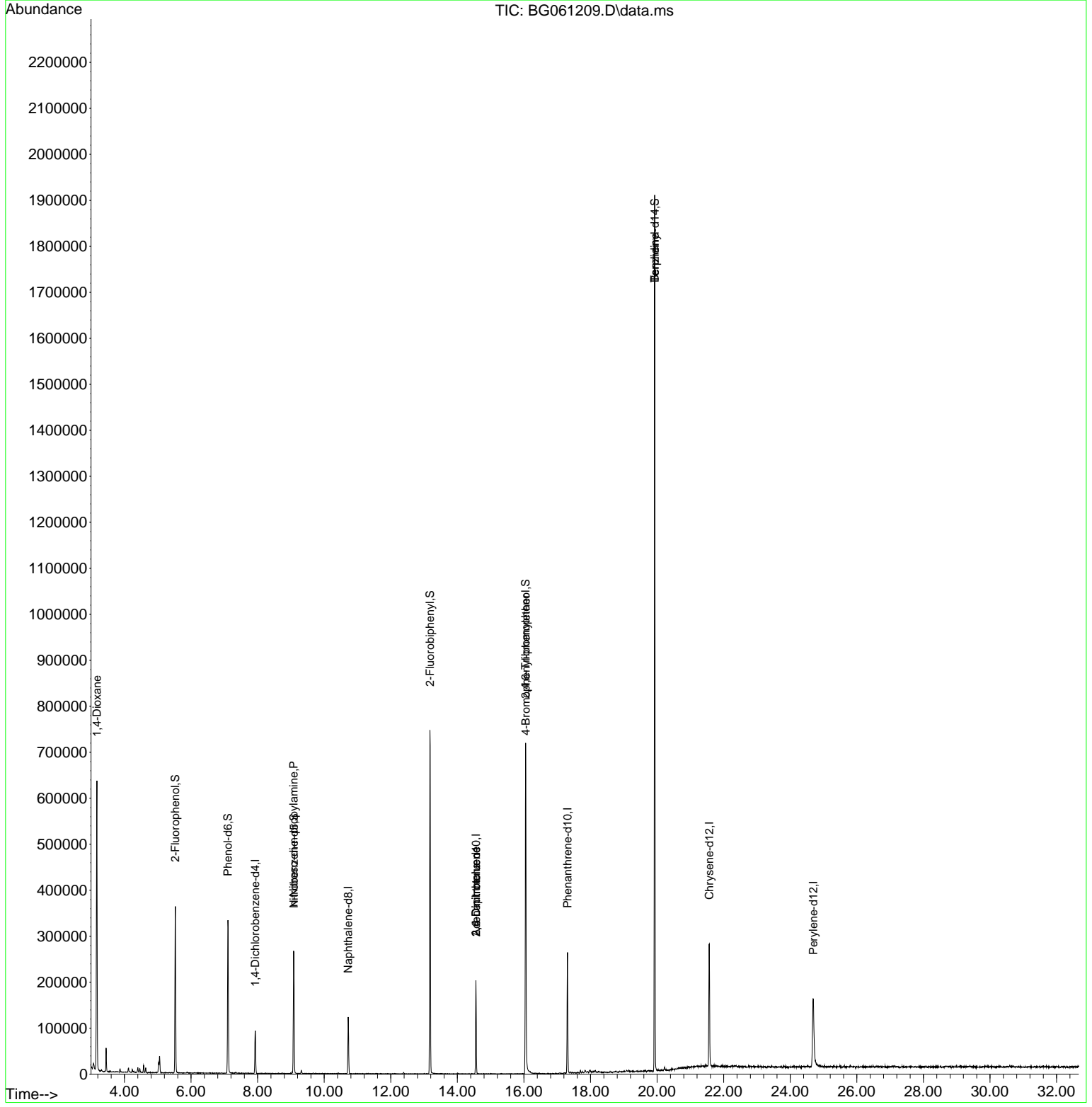
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	24275	20.000	ng	-0.03
21) Naphthalene-d8	10.721	136	91739	20.000	ng	-0.04
39) Acenaphthene-d10	14.558	164	71857	20.000	ng	-0.03
64) Phenanthrene-d10	17.307	188	174657	20.000	ng	-0.03
76) Chrysene-d12	21.567	240	179051	20.000	ng	-0.03
86) Perylene-d12	24.693	264	212298	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	124453	104.266	ng	-0.02
7) Phenol-d6	7.107	99	148489	84.095	ng	-0.03
23) Nitrobenzene-d5	9.087	82	140454	75.896	ng	-0.03
42) 2,4,6-Tribromophenol	16.050	330	172753	120.277	ng	-0.03
45) 2-Fluorobiphenyl	13.177	172	386082	79.450	ng	-0.03
79) Terphenyl-d14	19.928	244	984799	91.474	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	3.171	88	4421	9.160	ng	# 1
9) Benzaldehyde	7.107	77	220	Below Cal		# 3
19) n-Nitroso-di-n-propyla...	9.082	70	21101	15.968	ng	# 64
51) 2,6-Dinitrotoluene	14.558	165	9578	8.068	ng	# 15
57) 2,4-Dinitrotoluene	14.558	165	9578	5.453	ng	# 17
67) 4-Bromophenyl-phenylether	16.056	248	10333	5.022	ng	# 1
77) Benzidine	19.928	184	15057	6.957	ng	# 93

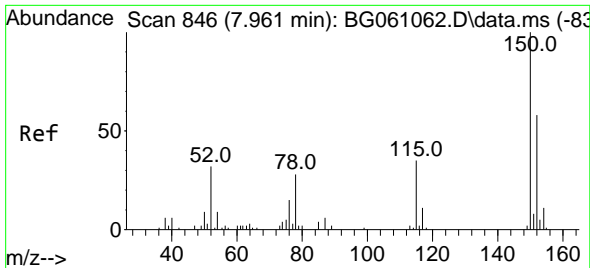
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051524\
 Data File : BG061209.D
 Acq On : 15 May 2024 17:02
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 Misc :
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Instrument :
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 ClientSampleId :
 WCS-TPG

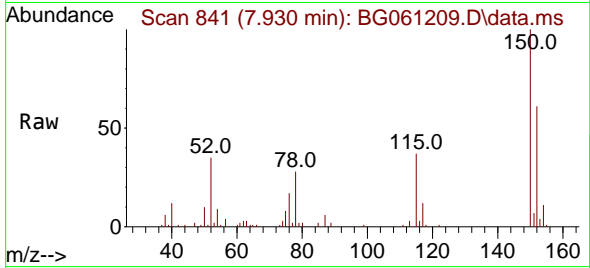
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration



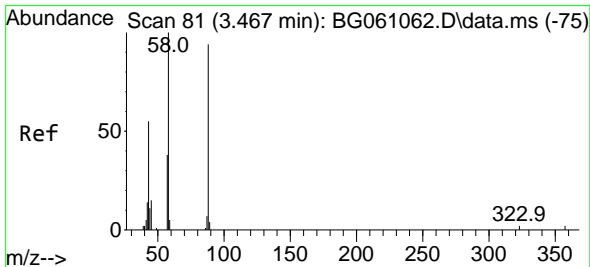
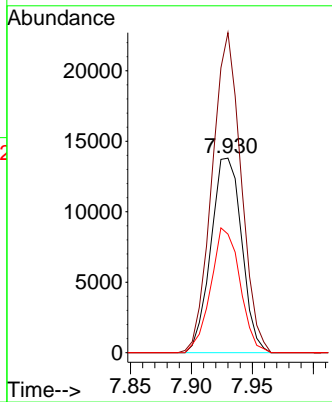
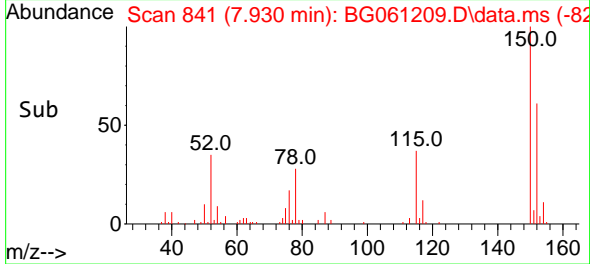


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.930 min Scan# 84
 Delta R.T. -0.031 min
 Lab File: BG061209.D
 Acq: 15 May 2024 17:02

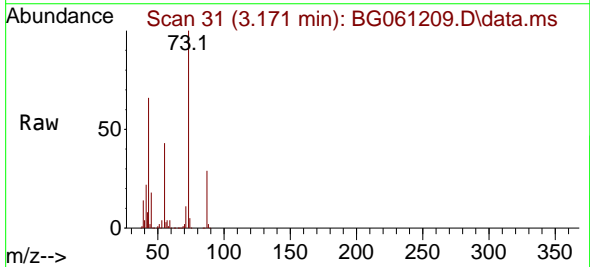
Instrument :
 BNA_G
 ClientSampleId :
 WCS-TPG



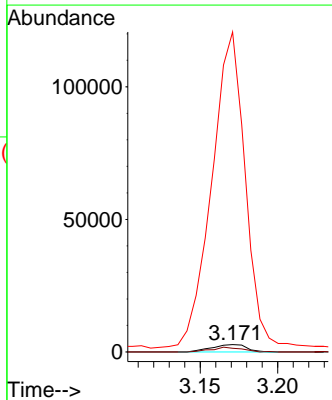
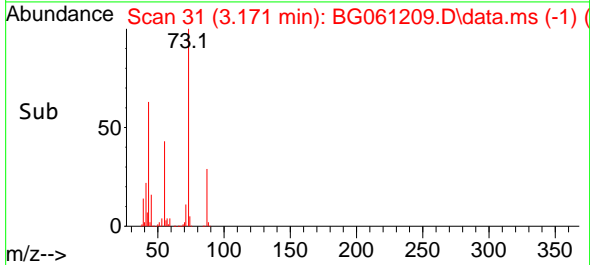
Tgt Ion:152 Resp: 24275
 Ion Ratio Lower Upper
 152 100
 150 164.4 138.3 207.5
 115 60.9 48.0 72.0

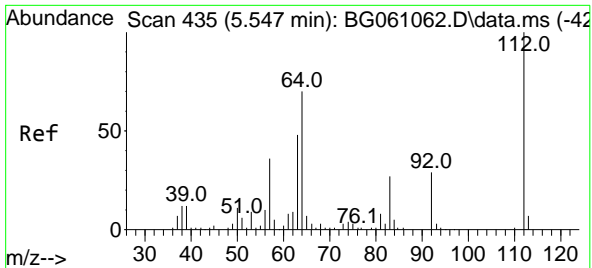


#2
 1,4-Dioxane
 Concen: 9.160 ng
 RT: 3.171 min Scan# 31
 Delta R.T. -0.296 min
 Lab File: BG061209.D
 Acq: 15 May 2024 17:02



Tgt Ion: 88 Resp: 4421
 Ion Ratio Lower Upper
 88 100
 58 55.3 81.2 121.8#
 43 4099.9 45.0 67.4#



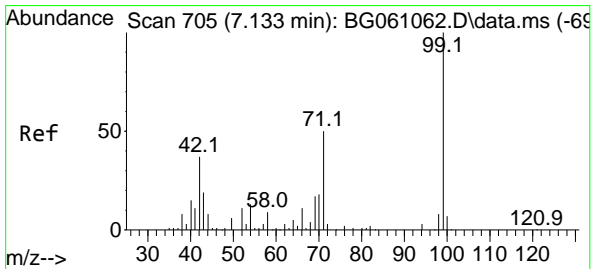
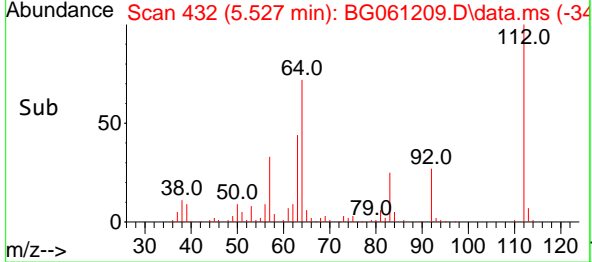
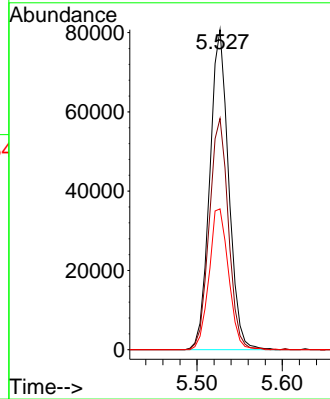
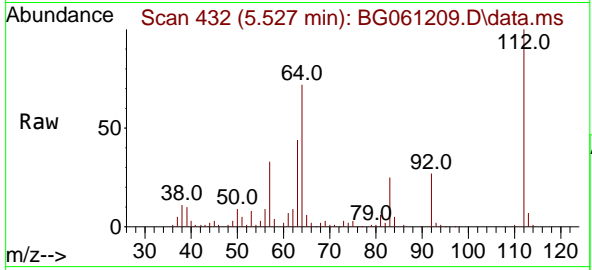


#5
 2-Fluorophenol
 Concen: 104.266 ng
 RT: 5.527 min Scan# 411
 Delta R.T. -0.020 min
 Lab File: BG061209.D
 Acq: 15 May 2024 17:02

Instrument :
 BNA_G
 ClientSampleId :
 WCS-TPG

Tgt Ion: 112 Resp: 124453

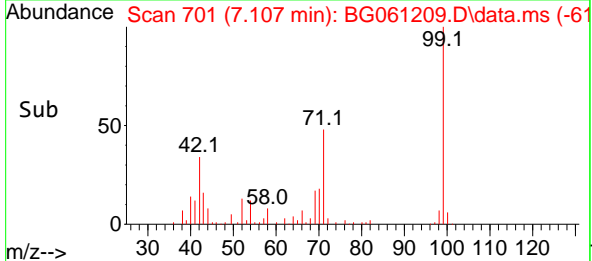
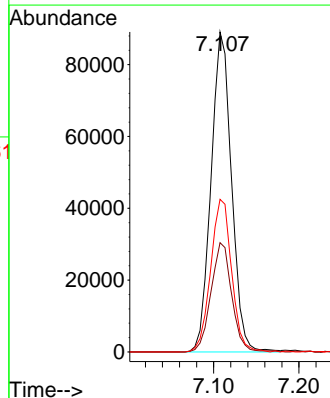
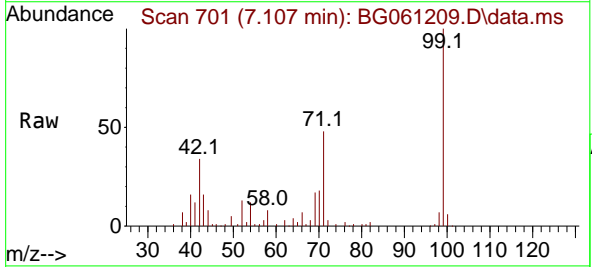
Ion	Ratio	Lower	Upper
112	100		
64	72.3	55.7	83.5
63	44.0	38.1	57.1

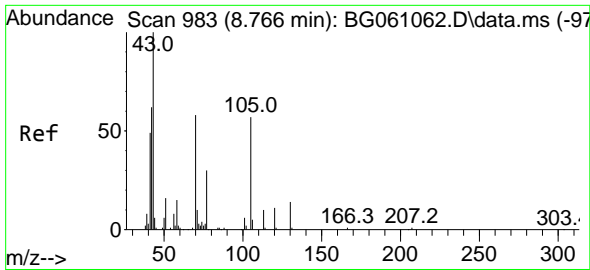


#7
 Phenol-d6
 Concen: 84.095 ng
 RT: 7.107 min Scan# 701
 Delta R.T. -0.025 min
 Lab File: BG061209.D
 Acq: 15 May 2024 17:02

Tgt Ion: 99 Resp: 148489

Ion	Ratio	Lower	Upper
99	100		
42	34.1	29.2	43.8
71	47.7	39.7	59.5



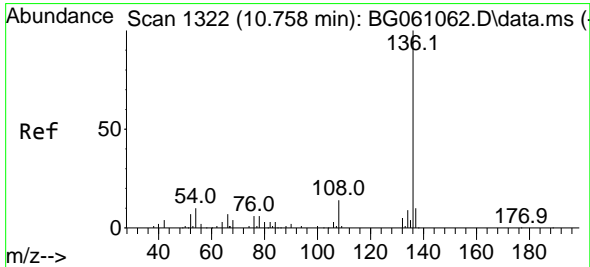
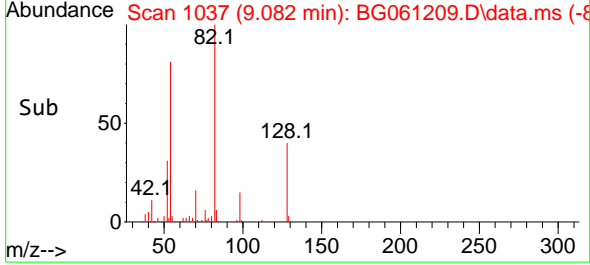
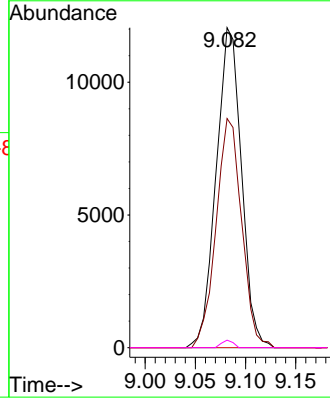
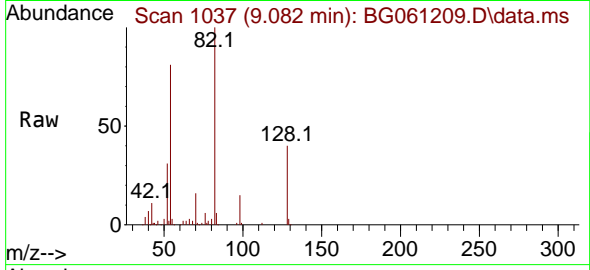


#19
 n-Nitroso-di-n-propylamine
 Concen: 15.968 ng
 RT: 9.082 min Scan# 1037
 Delta R.T. 0.315 min
 Lab File: BG061209.D
 Acq: 15 May 2024 17:02

Instrument :
 BNA_G
 ClientSampleId :
 WCS-TPG

Tgt Ion: 70 Resp: 21101

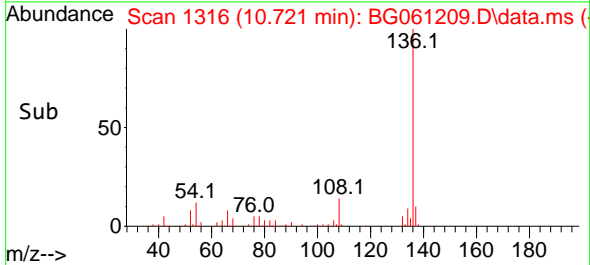
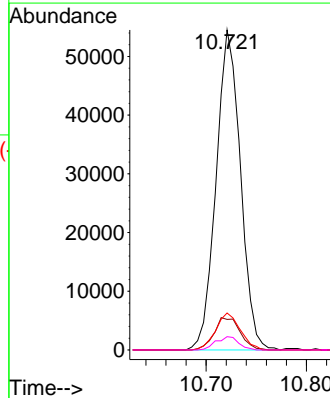
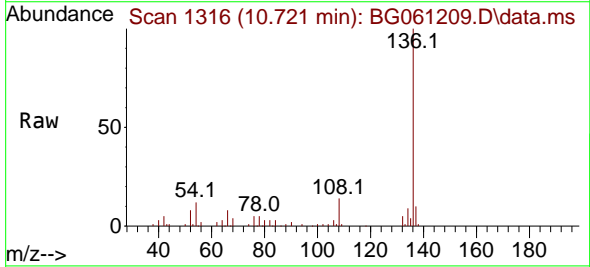
Ion	Ratio	Lower	Upper
70	100		
42	71.6	86.4	129.6#
101	0.0	7.8	11.8#
130	2.3	19.0	28.4#

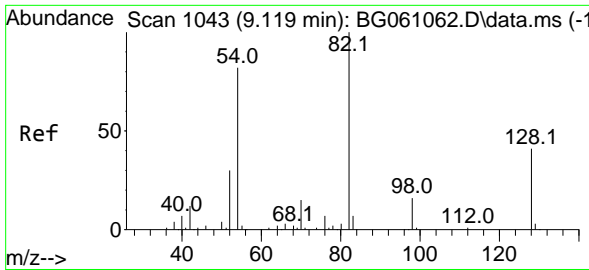


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.721 min Scan# 1316
 Delta R.T. -0.037 min
 Lab File: BG061209.D
 Acq: 15 May 2024 17:02

Tgt Ion: 136 Resp: 91739

Ion	Ratio	Lower	Upper
136	100		
137	9.6	7.8	11.6
54	11.6	8.1	12.1
68	4.1	3.0	4.4



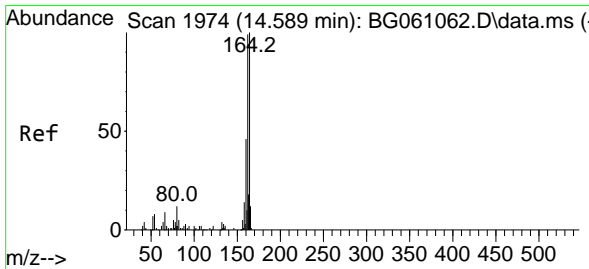
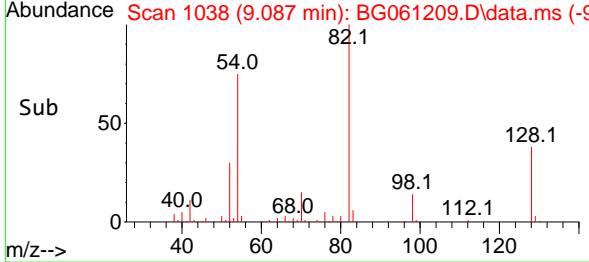
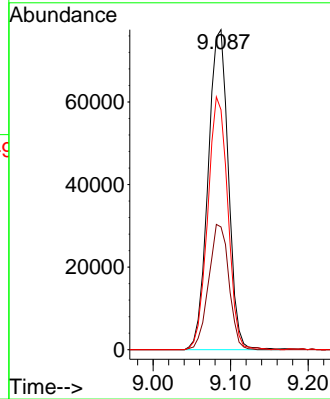
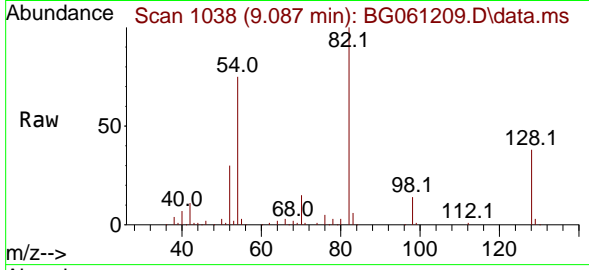


#23
 Nitrobenzene-d5
 Concen: 75.896 ng
 RT: 9.087 min Scan# 1043
 Delta R.T. -0.031 min
 Lab File: BG061209.D
 Acq: 15 May 2024 17:02

Instrument :
 BNA_G
 ClientSampleId :
 WCS-TPG

Tgt Ion: 82 Resp: 140454

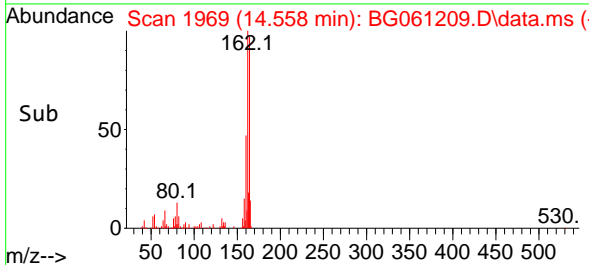
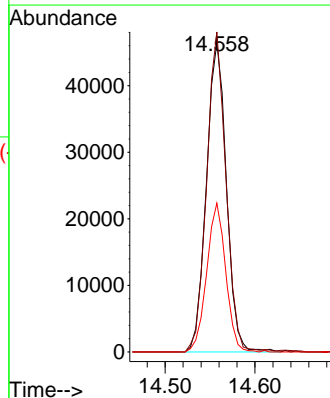
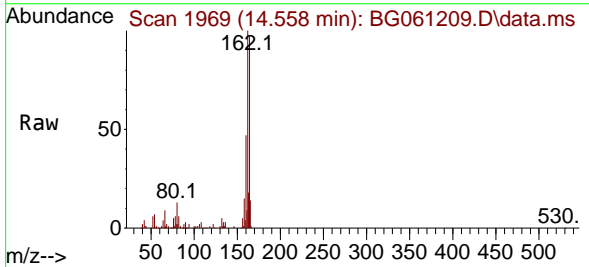
Ion	Ratio	Lower	Upper
82	100		
128	38.4	32.7	49.1
54	74.9	65.6	98.4

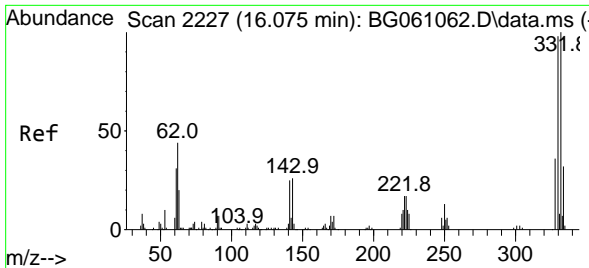


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.558 min Scan# 1969
 Delta R.T. -0.031 min
 Lab File: BG061209.D
 Acq: 15 May 2024 17:02

Tgt Ion: 164 Resp: 71857

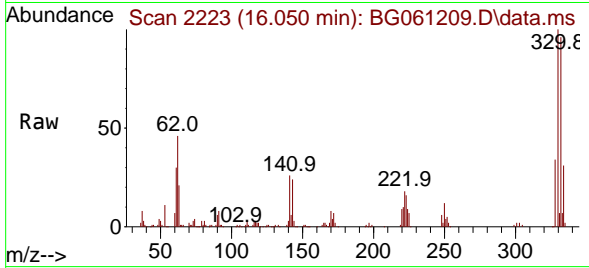
Ion	Ratio	Lower	Upper
164	100		
162	103.5	79.4	119.2
160	48.2	37.0	55.6



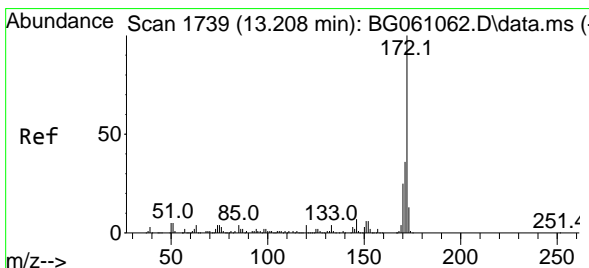
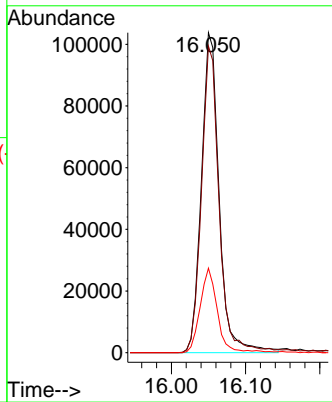
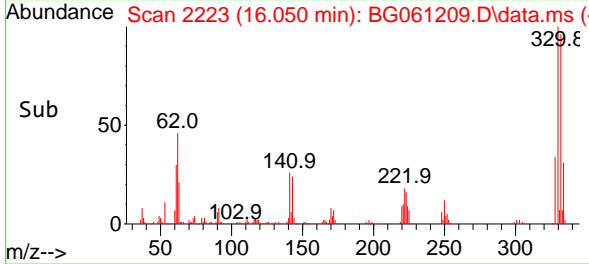


#42
 2,4,6-Tribromophenol
 Concen: 120.277 ng
 RT: 16.050 min Scan# 21
 Delta R.T. -0.025 min
 Lab File: BG061209.D
 Acq: 15 May 2024 17:02

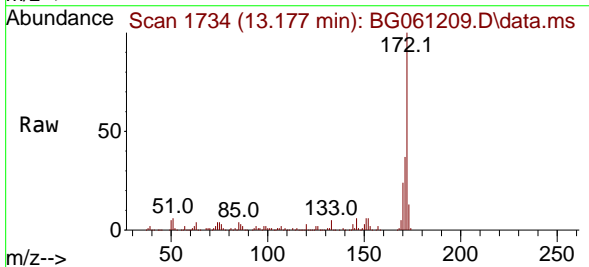
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 ClientSampleId :
 WCS-TPG



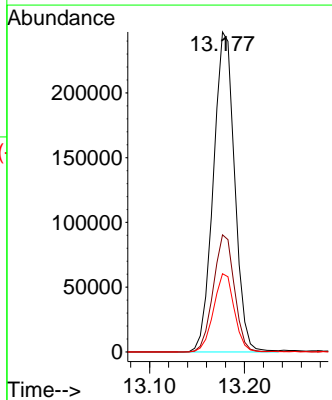
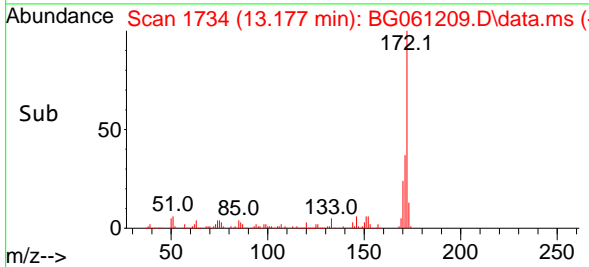
Tgt Ion:330 Resp: 172753
 Ion Ratio Lower Upper
 330 100
 332 96.1 78.6 117.8
 141 25.6 20.5 30.7

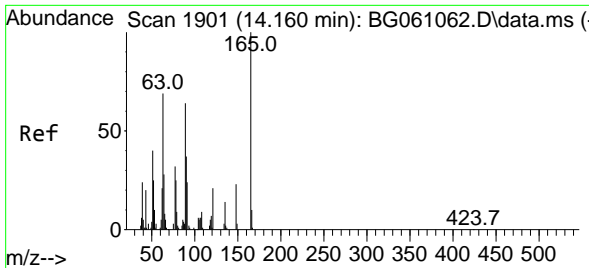


#45
 2-Fluorobiphenyl
 Concen: 79.450 ng
 RT: 13.177 min Scan# 1734
 Delta R.T. -0.031 min
 Lab File: BG061209.D
 Acq: 15 May 2024 17:02



Tgt Ion:172 Resp: 386082
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.0 43.6
 170 24.5 20.2 30.4

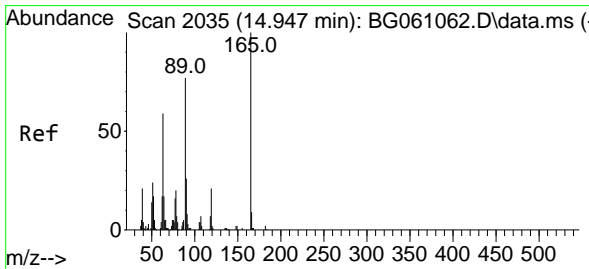
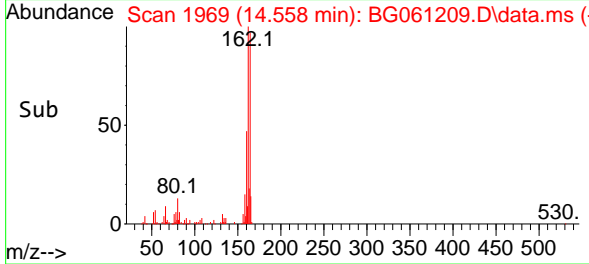
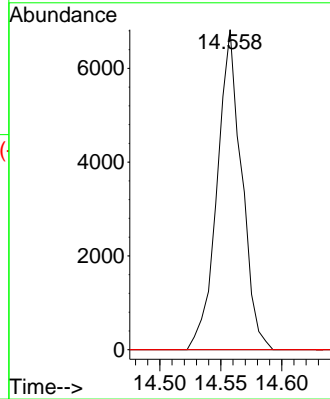
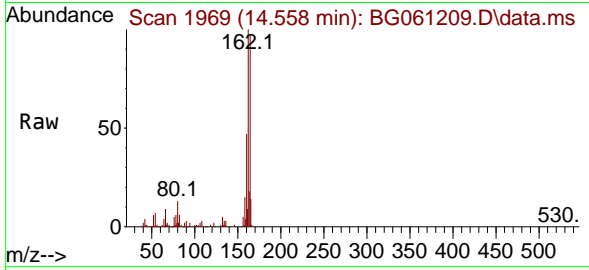




#51
 2,6-Dinitrotoluene
 Concen: 8.068 ng
 RT: 14.558 min Scan# 1969
 Delta R.T. 0.398 min
 Lab File: BG061209.D
 Acq: 15 May 2024 17:02

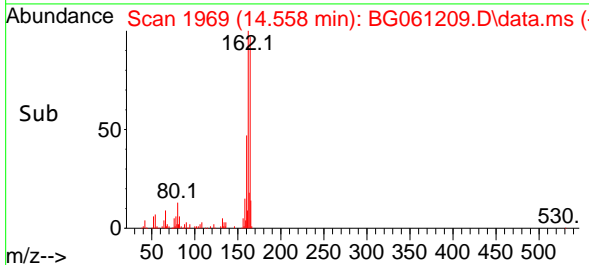
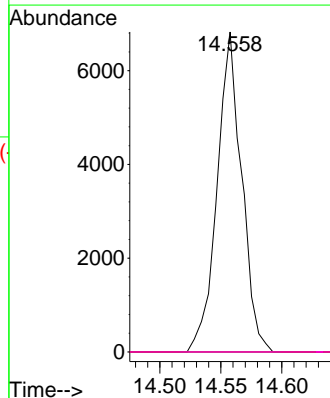
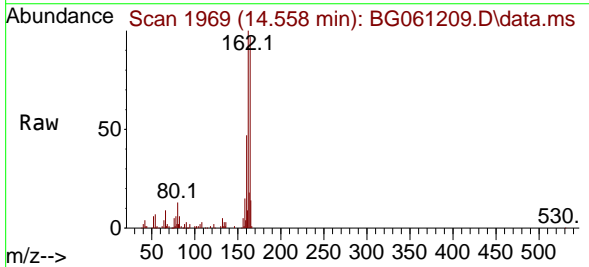
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 ClientSampleId :
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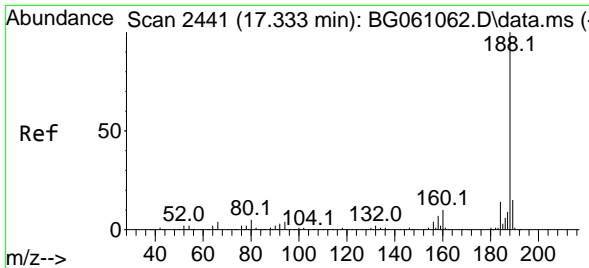
Tgt Ion	Resp	Lower	Upper
165	100		
63	0.0	60.0	90.0#
89	0.0	50.9	76.3#



#57
 2,4-Dinitrotoluene
 Concen: 5.453 ng
 RT: 14.558 min Scan# 1969
 Delta R.T. -0.390 min
 Lab File: BG061209.D
 Acq: 15 May 2024 17:02

Tgt Ion	Resp	Lower	Upper
165	100		
63	0.0	47.3	70.9#
89	0.0	61.8	92.8#
182	0.0	1.8	2.6#



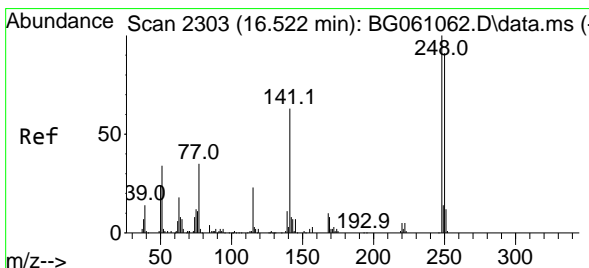
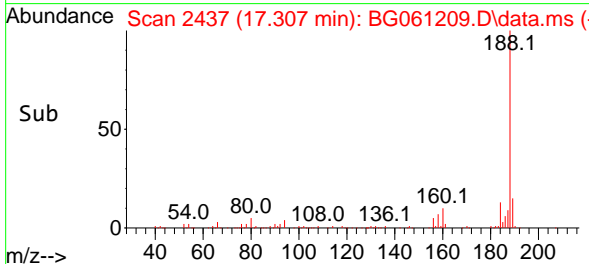
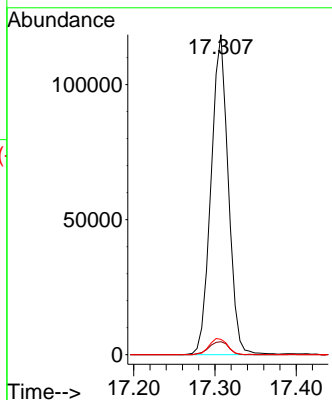
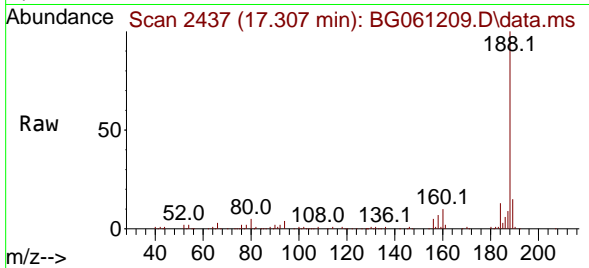


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.307 min Scan# 2441
 Delta R.T. -0.025 min
 Lab File: BG061209.D
 Acq: 15 May 2024 17:02

Instrument :
 BNA_G
 ClientSampleId :
 WCS-TPG

Tgt Ion:188 Resp: 174657

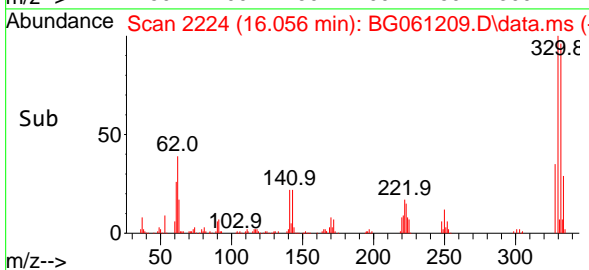
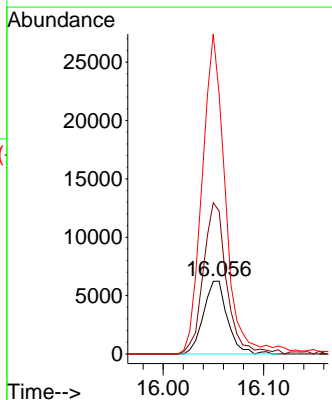
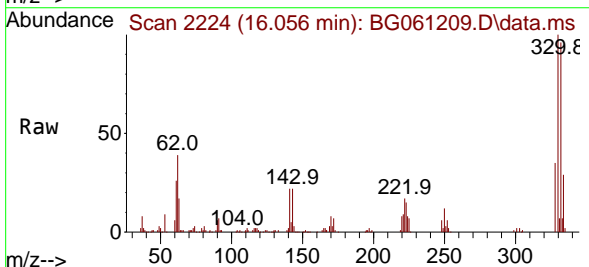
Ion	Ratio	Lower	Upper
188	100		
94	4.1	3.6	5.4
80	4.8	4.2	6.2

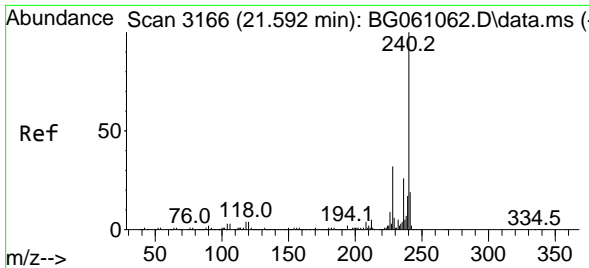


#67
 4-Bromophenyl-phenylether
 Concen: 5.022 ng
 RT: 16.056 min Scan# 2224
 Delta R.T. -0.466 min
 Lab File: BG061209.D
 Acq: 15 May 2024 17:02

Tgt Ion:248 Resp: 10333

Ion	Ratio	Lower	Upper
248	100		
250	196.2	73.0	109.4#
141	356.4	50.8	76.2#

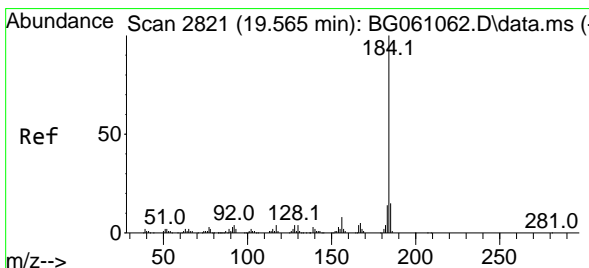
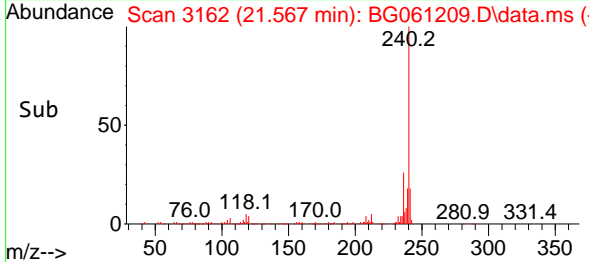
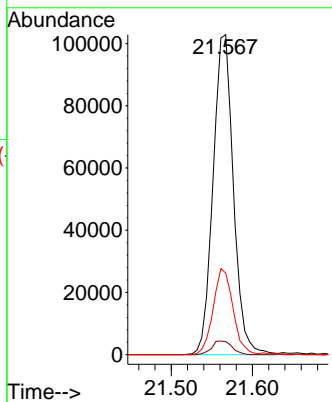
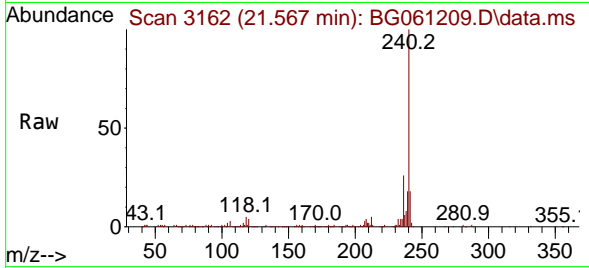




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.567 min Scan# 3166
 Delta R.T. -0.025 min
 Lab File: BG061209.D
 Acq: 15 May 2024 17:02

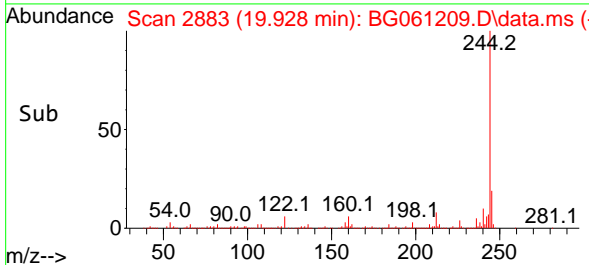
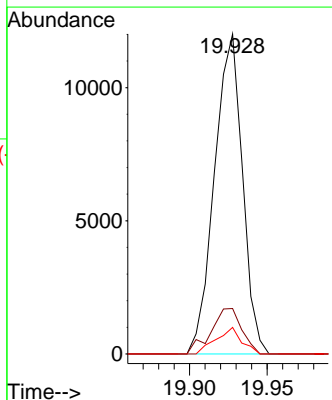
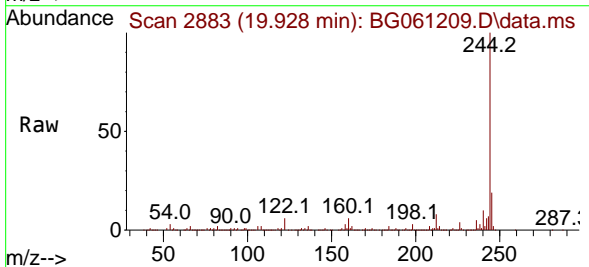
Instrument :
 BNA_G
 ClientSampleId :
 WCS-TPG

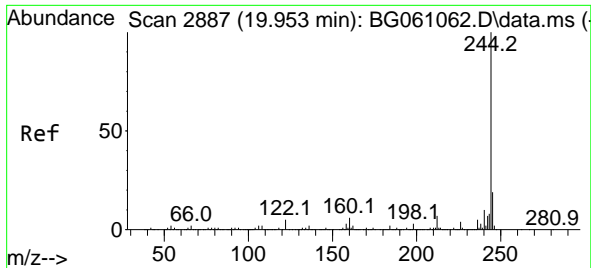
Tgt Ion:240 Resp: 179051
 Ion Ratio Lower Upper
 240 100
 120 4.1 3.2 4.8
 236 25.5 21.0 31.6



#77
 Benzidine
 Concen: 6.957 ng
 RT: 19.928 min Scan# 2883
 Delta R.T. 0.363 min
 Lab File: BG061209.D
 Acq: 15 May 2024 17:02

Tgt Ion:184 Resp: 15057
 Ion Ratio Lower Upper
 184 100
 185 14.2 12.0 18.0
 183 8.3 10.9 16.3#



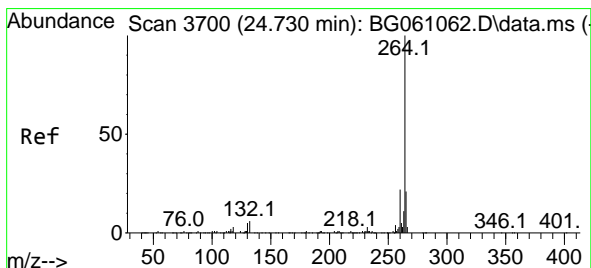
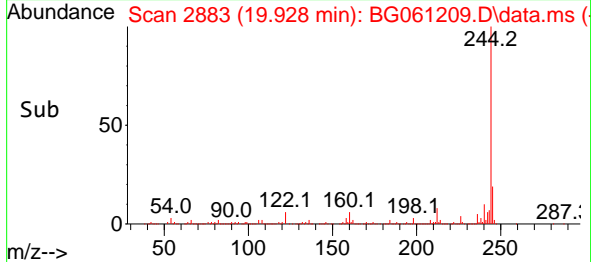
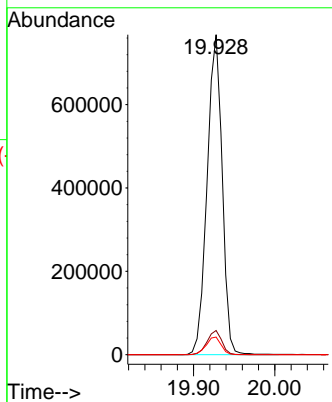
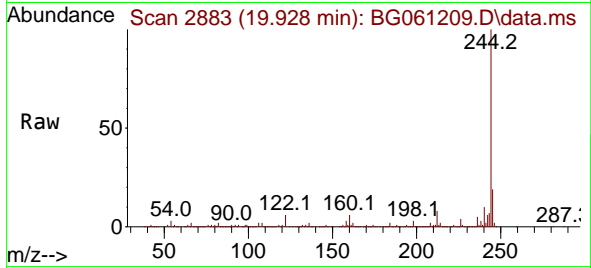


#79
 Terphenyl-d14
 Concen: 91.474 ng
 RT: 19.928 min Scan# 2883
 Delta R.T. -0.025 min
 Lab File: BG061209.D
 Acq: 15 May 2024 17:02

Instrument : BNA_G
 ClientSampleId : WCS-TPG

Tgt Ion:244 Resp: 984799

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.7	8.5
122	5.5	4.2	6.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.693 min Scan# 3694
 Delta R.T. -0.037 min
 Lab File: BG061209.D
 Acq: 15 May 2024 17:02

Tgt Ion:264 Resp: 212298

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.7	26.5
265	23.4	16.4	24.6

